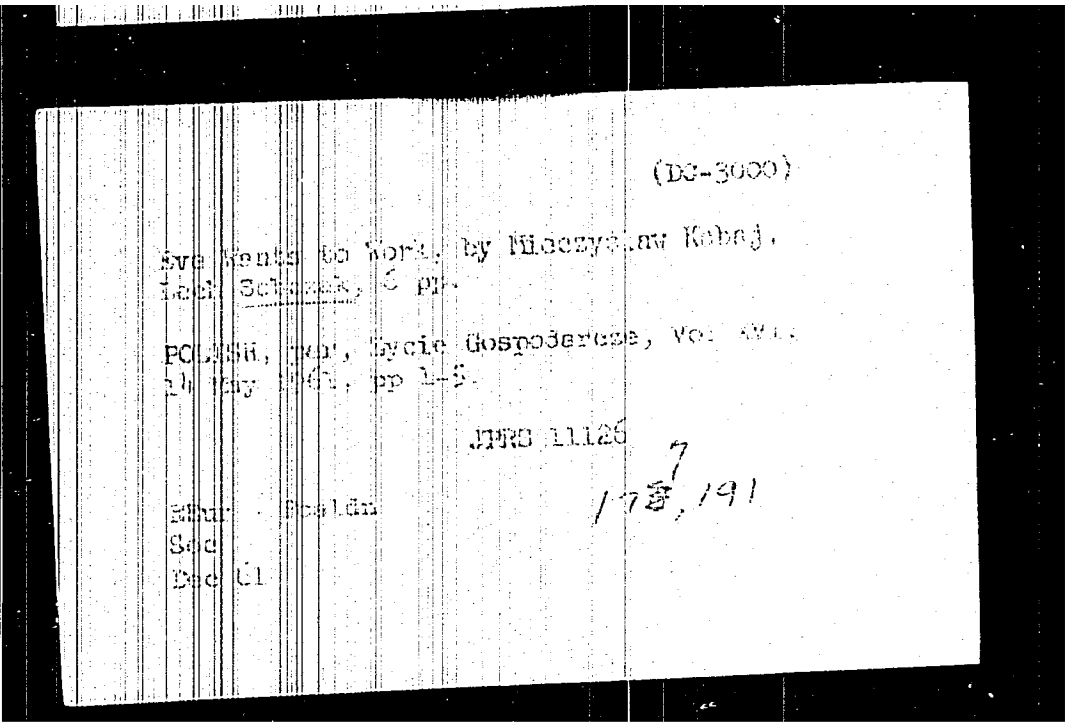
APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



(D3-3000)

Sve Kenss to Kork, by Mieczyslaw Kobaj,
Tech Sciences, 6 pp.

POLSKA, Rok, Zycie Gospodarcze, Vol XVI,
20 May 1961, pp 1-5.

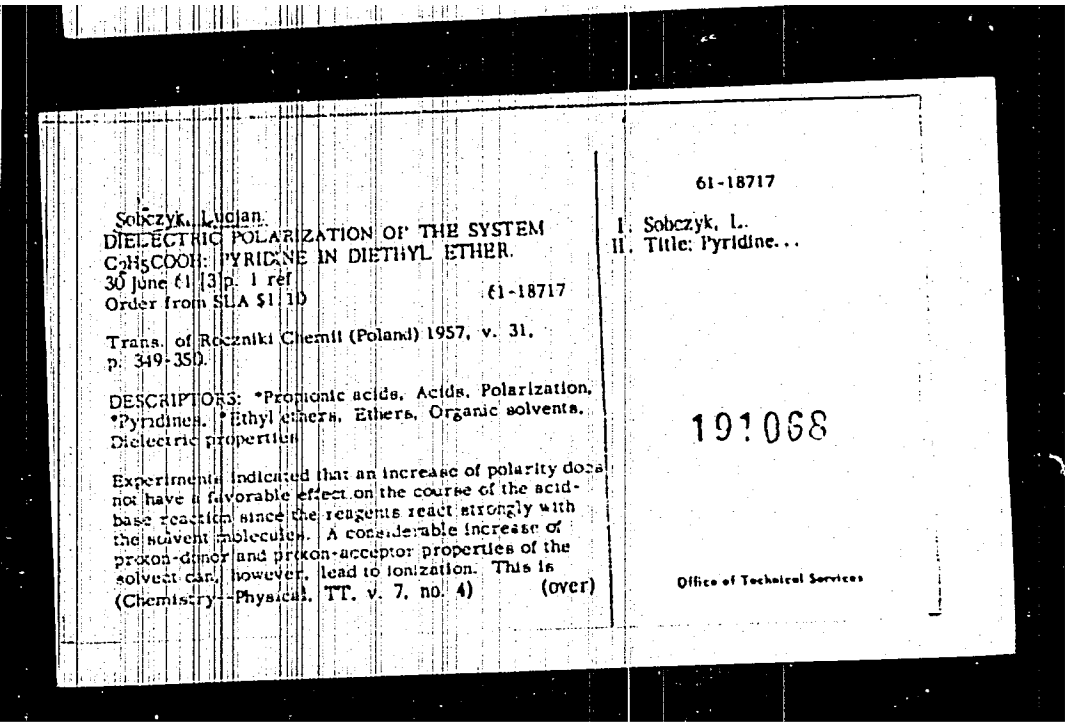
JPRS 11126

7
17 Jul, 191

Ethan
Sec
Dec C1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



Sobczyk, Lucjan.
DIELECTRIC POLARIZATION OF THE SYSTEM C_2H_5COOH: PYRIDINE IN DIETHYL ETHER.
30 June 61 [3]p. 1 ref
Order from SLA $1.10 61-18717

Trans. of Roczniki Chemii (Poland) 1957, v. 31, p. 349-350.

DESCRIPTORS: *Propionic acids, Acids, Polarization, *Pyridines, *Ethyl ethers, Ethers, Organic solvents, Dielectric properties

Experiments indicated that an increase of polarity does not have a favorable effect on the course of the acid-base reaction since the reagents react strongly with the solvent molecules. A considerable increase of proton-donor and proton-acceptor properties of the solvent can, however, lead to ionization. This is
(Chemistry--Physical, TT, v. 7, no. 4) (over)

61-18717

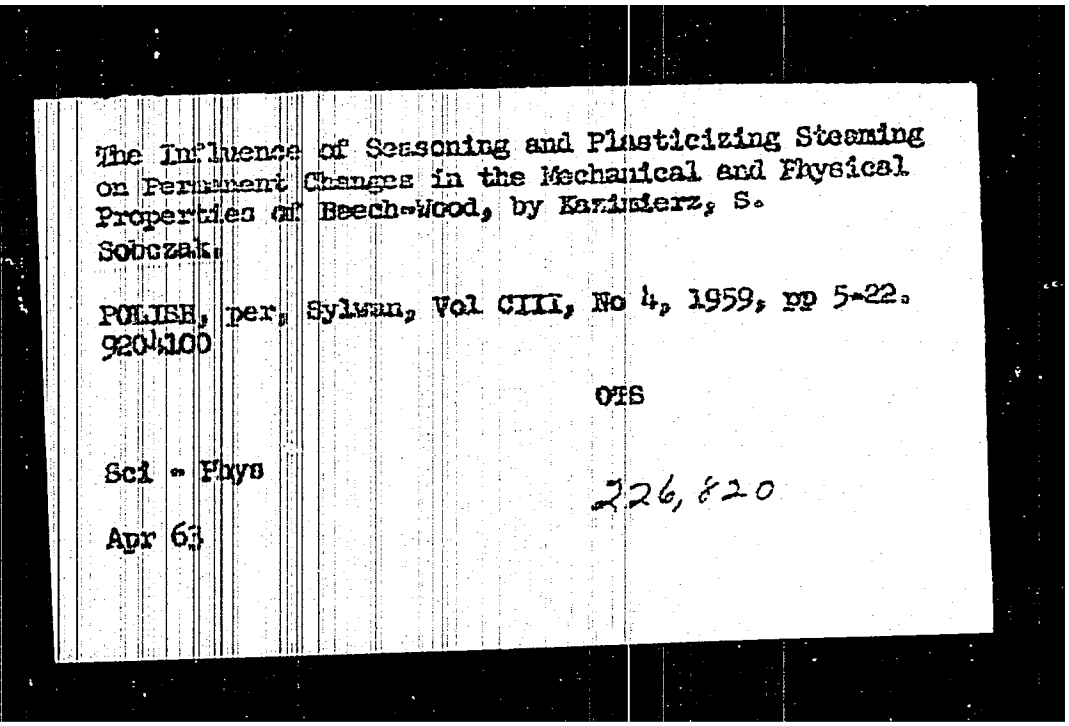
I. Sobczyk, L.
II. Title: Pyridine...

191068

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



The Influence of Seasoning and Plasticizing Steaming on Permanent Changes in the Mechanical and Physical Properties of Beech-Wood, by Kazimierz, S. Sobczak.

POLISH, per, Sylwan, Vol CIII, No 4, 1959, pp 5-22.
920:100

OTS

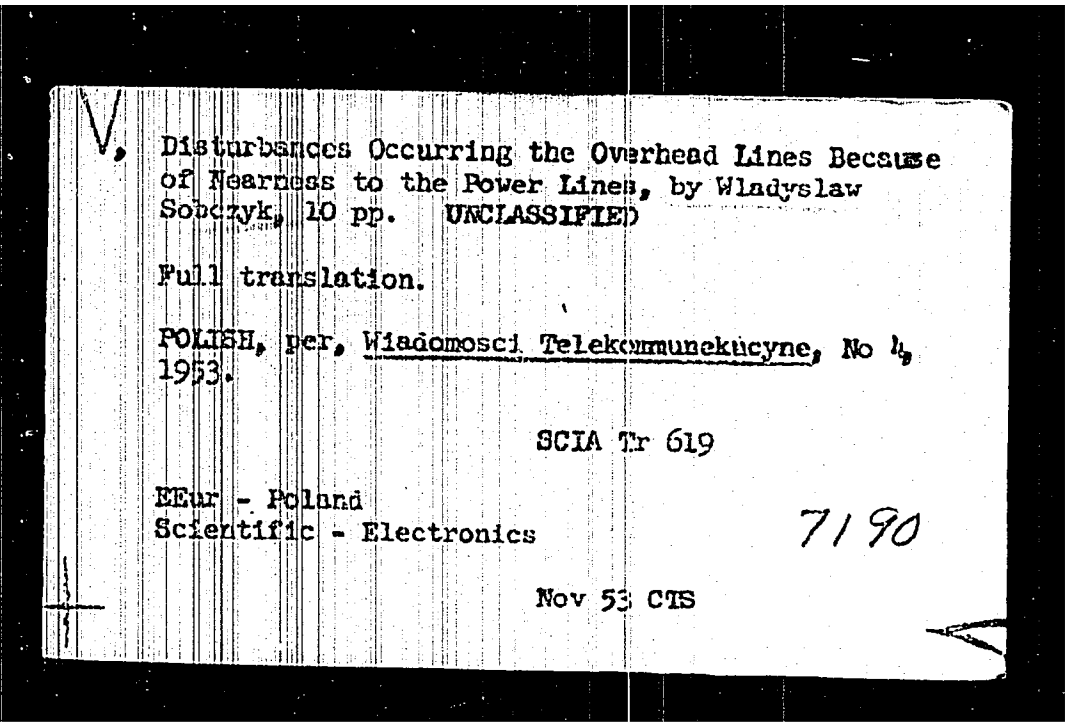
Sci - Phys

226,820

Apr 63

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



V, Disturbances Occurring the Overhead Lines Because of Nearness to the Power Lines, by Wladyslaw Sobczyk, 10 pp. UNCLASSIFIED)

Full translation.

POLISH, per, Wiadomosci Telekommunekucyne, No 4, 1953.

SCIA Tr 619

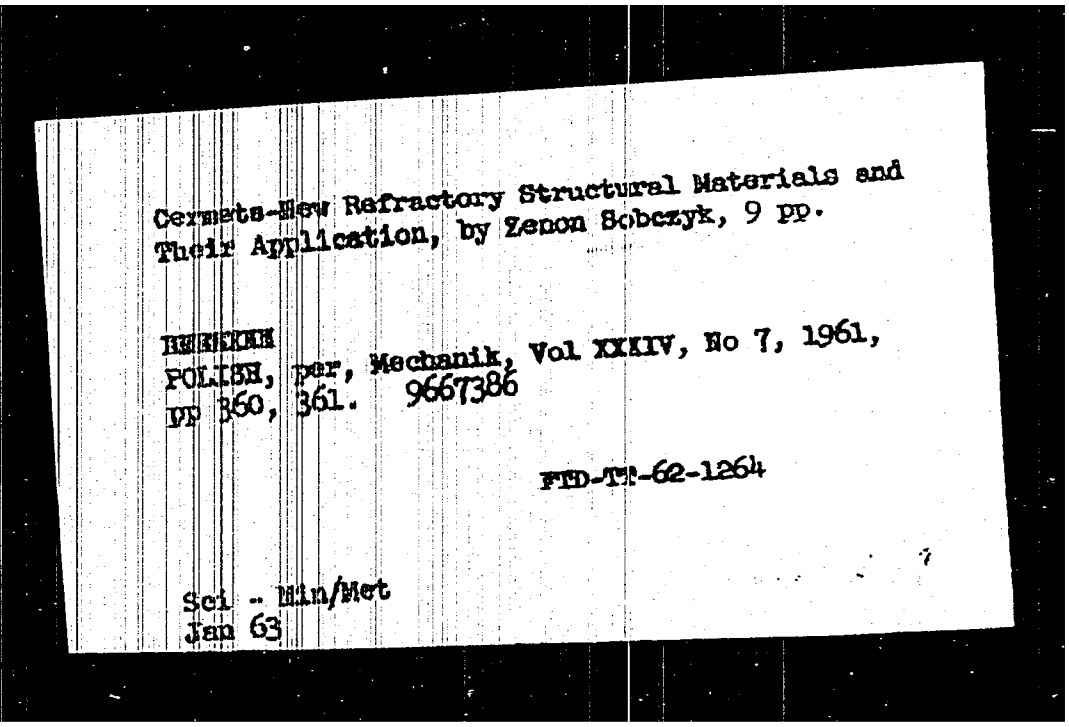
EEur - Poland
Scientific - Electronics

7190

Nov 53 CTS

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



Cermets-New Refractory Structural Materials and Their Application, by Zenon Sobczyk, 9 pp.

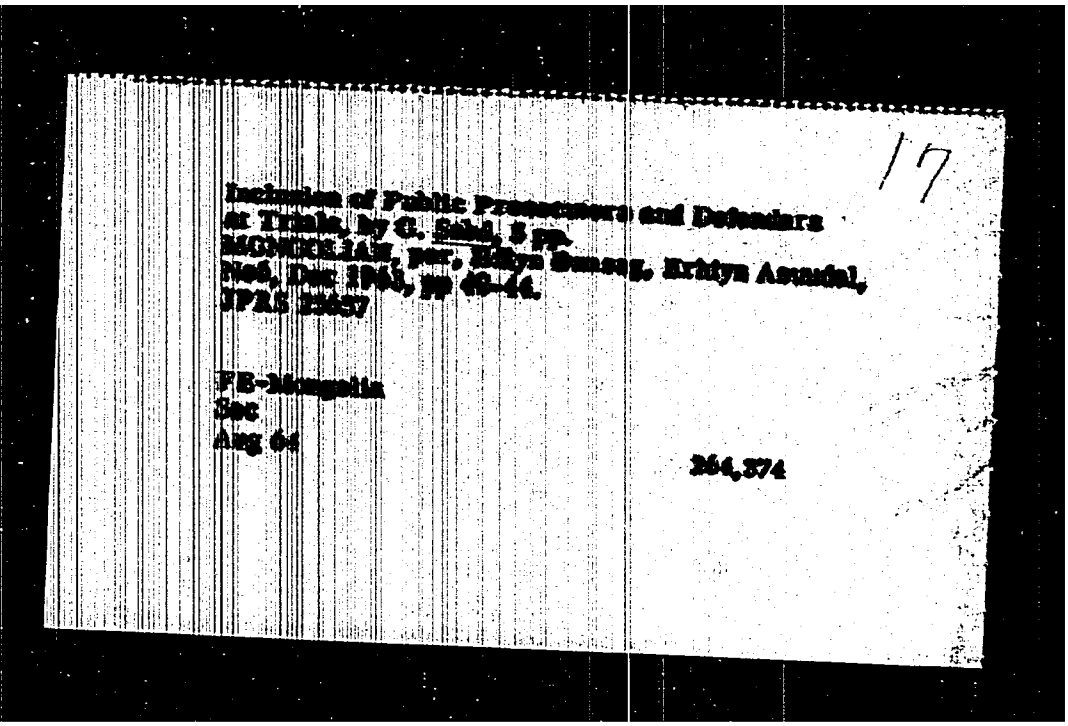
POLISH, per, Mechanik, Vol XXXIV, No 7, 1961, pp 360, 361. 9667386

FTD-TT-62-1264

Sci - Min/Met
Jan 63

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



17

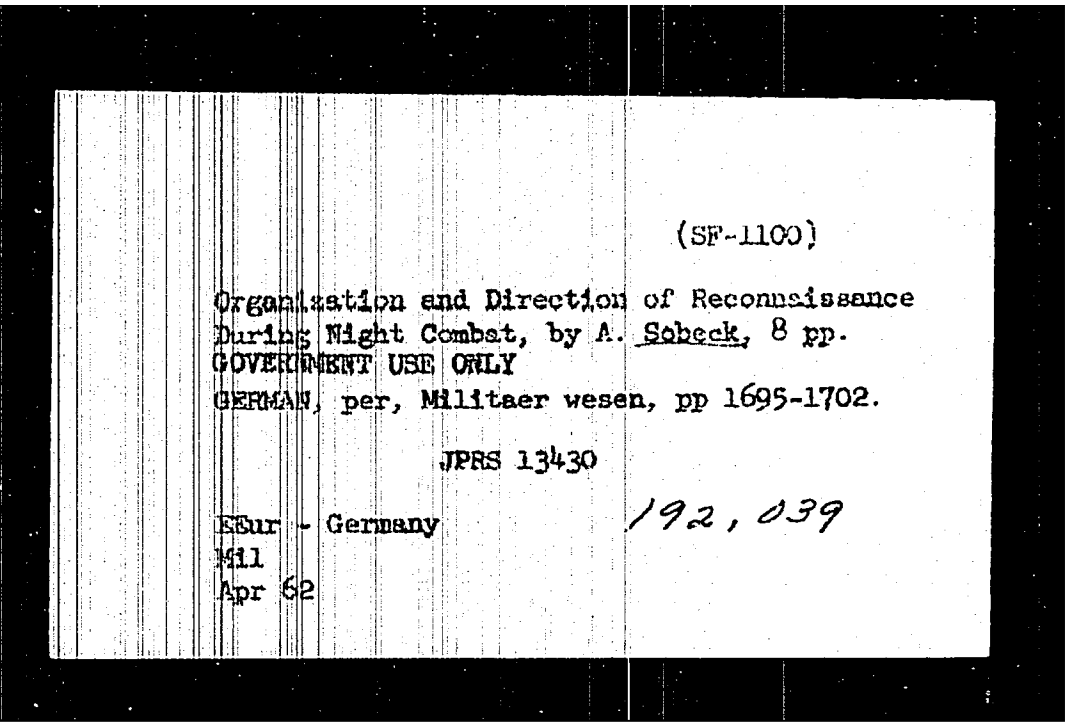
Institute of Public Prosecutors and Defenders
At Trials, by G. Gibb, 5 pp.
MAGNUSSEN, Per, Eldyn Smaug, Erdtyn Asmidal,
Nos, Dec 1961, pp 42-44.
JPRS 15697

FE-Mongolia
Soc
Aug 64

264,374

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



(SF-1100)

Organization and Direction of Reconnaissance During Night Combat, by A. Sobeck, 8 pp.
GOVERNMENT USE ONLY
GERMANY, per, Militaer wesen, pp 1695-1702.

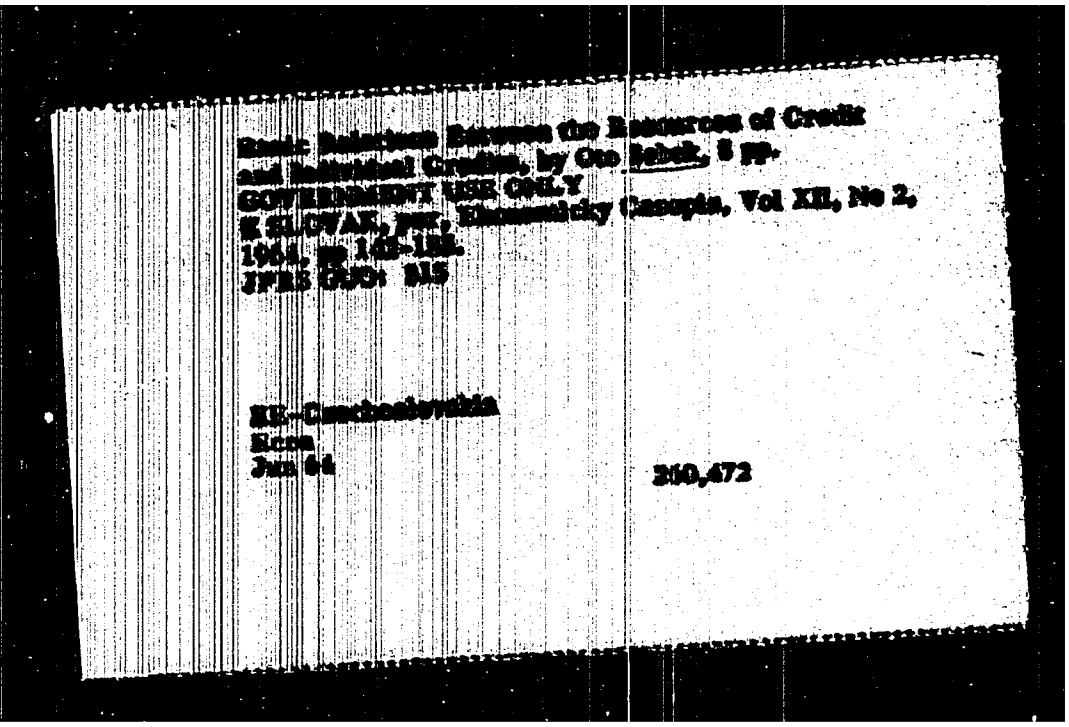
JPRS 13430

192,039

EEur - Germany
Mil
Apr 62

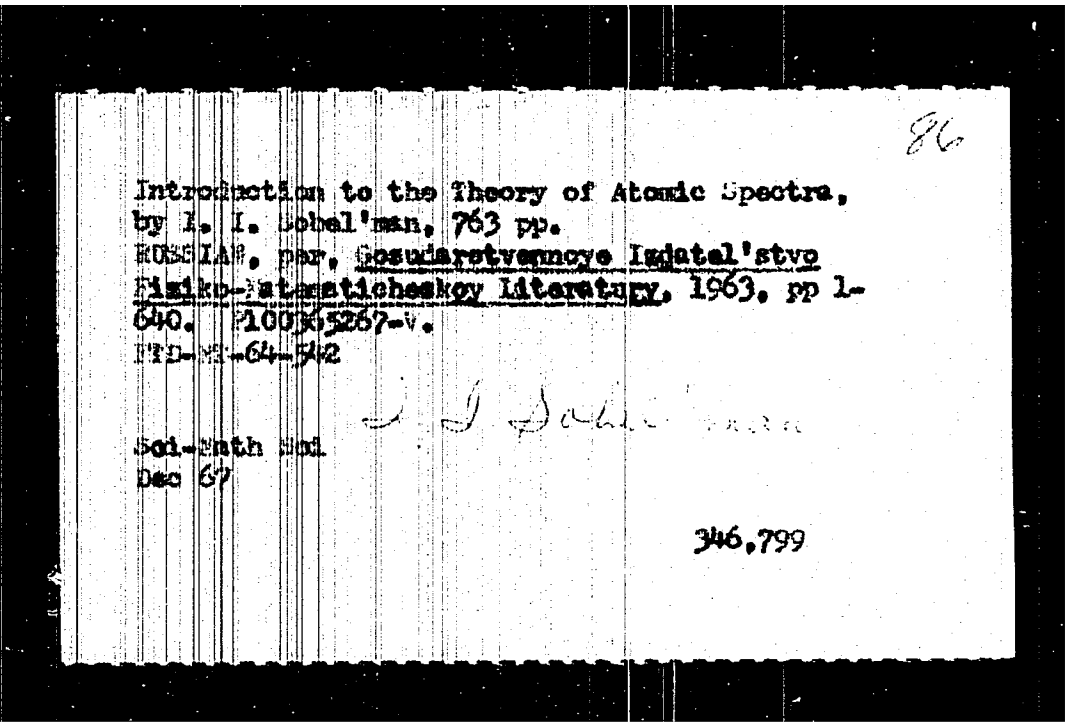
APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



86

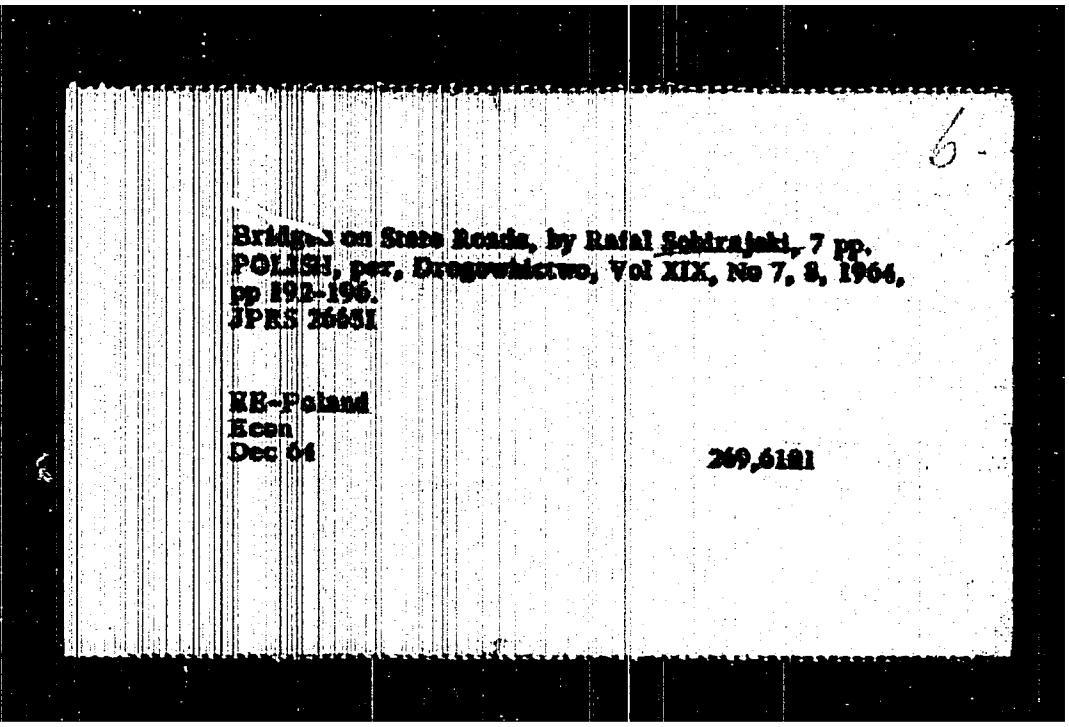
Introduction to the Theory of Atomic Spectra,
by I. I. Sobel'man, 763 pp.
RUSSIA, par, Gosudarstvennoye Izdatel'stvo
Fiziko-Matematicheskoy Literatury, 1963, pp 1-
640. 1000x5267-v.
TD-[illegible]-64-542

Sci-Tech Mod
Dec 67

346.799

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



6 -

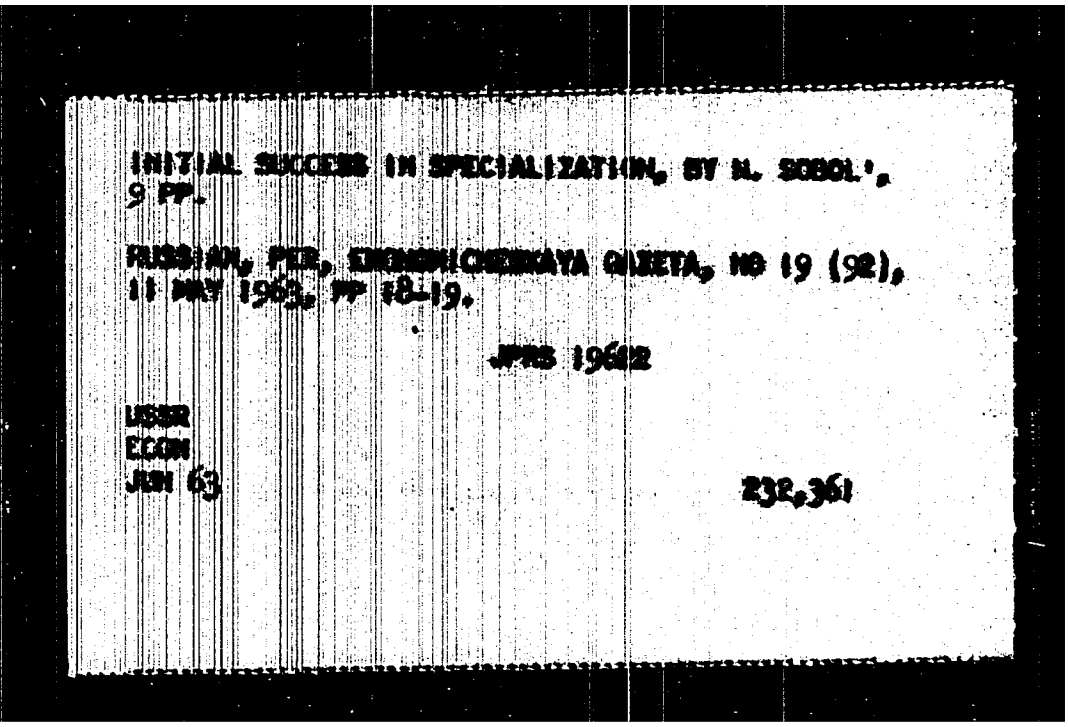
Bridges on State Roads, by Rafal Sobiraj ski, 7 pp.
POLISH, per, Drogownictwo, Vol XIX, No 7, 8, 1964,
pp 192-196.
JPRS 26681

EE-Poland
Econ
Dec 64

269,6121

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



INITIAL SUCCESS IN SPECIALIZATION, BY M. SOBOL',
9 PP.

RUSSIAN, PER, EKONOMICHESKAYA GAZETA, NO 19 (92),
11 MAY 1963, PP 18-19.

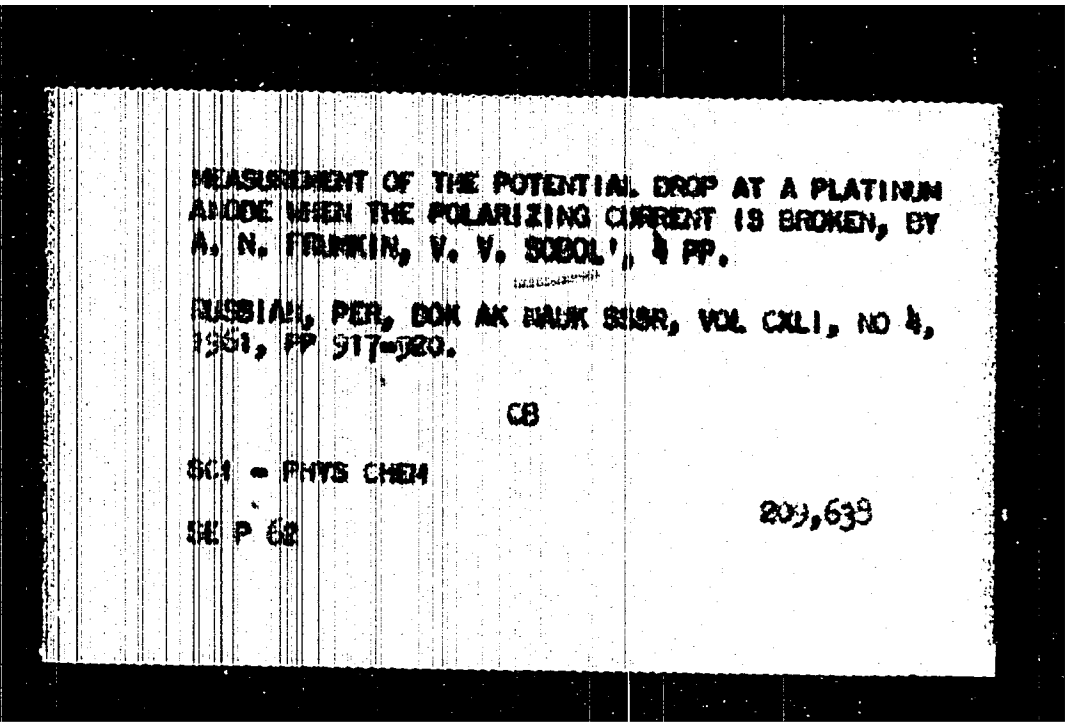
JPRS 19612

USSR
ECON
JUN 63

232,361

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



MEASUREMENT OF THE POTENTIAL DROP AT A PLATINUM ANODE WHEN THE POLARIZING CURRENT IS BROKEN, BY A. N. FRUMKIN, V. V. SOBOL', 4 PP.

[RUSSIAN], PER, DOK AK NAUK SSSR, VOL CXLI, NO 4, 1961, PP 917-920.

CB

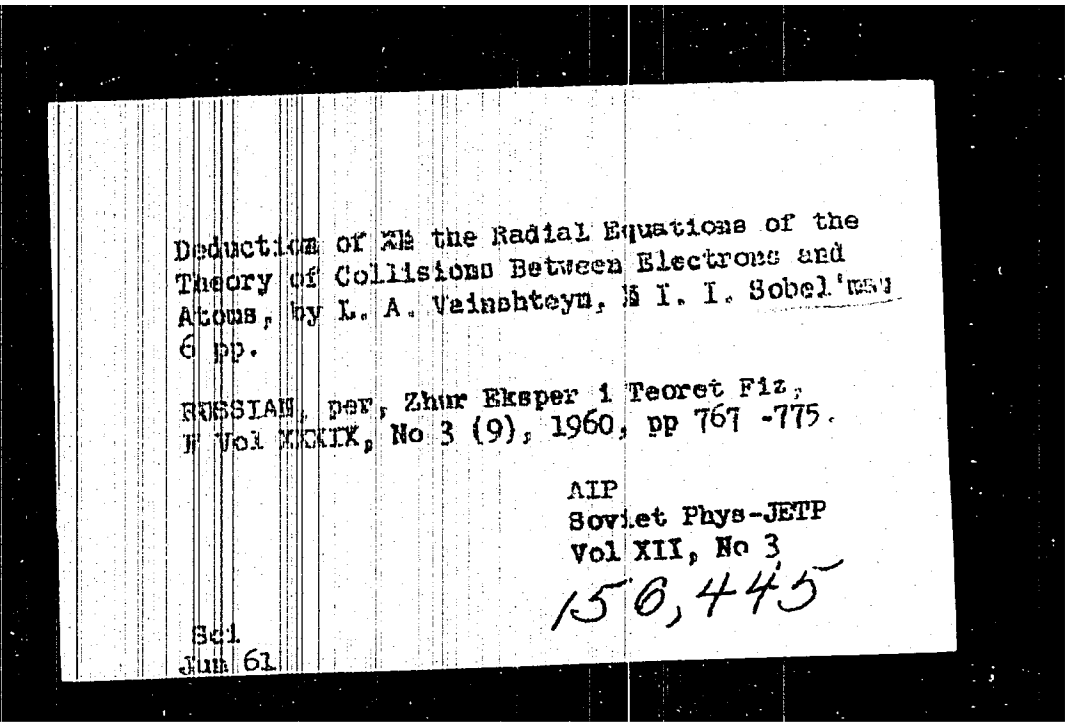
SCI - PHYS CHEM

SE P 62

209,639

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



Deduction of the Radial Equations of the Theory of Collisions Between Electrons and Atoms, by L. A. Vainshteyn, I. I. Sobel'man
6 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIX, No 3 (9), 1960, pp 767 -775.

AIP
Soviet Phys-JETP
Vol XII, No 3

156,445

Sel
Jun 61

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

Methods of calculating the cross sections for excitation of atoms by electrons by L. A. Vainshtein, I. I. Sobel'man, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIV, No 8, 1960, pp 943-946.

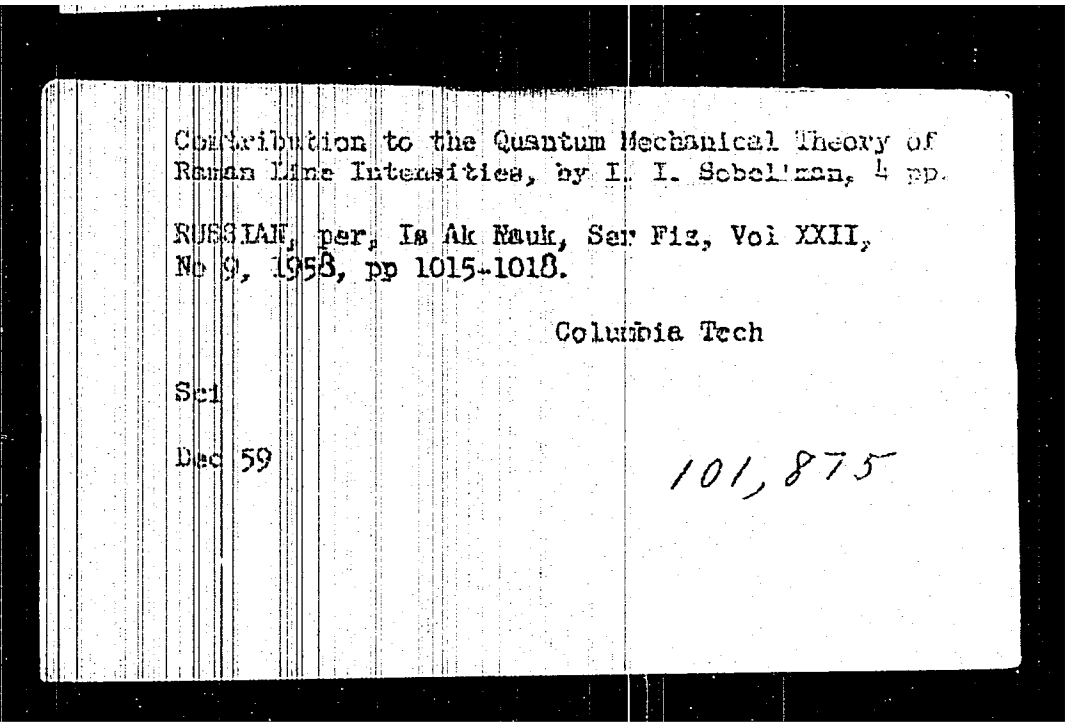
CIT

168,919

Sep 61

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



Contribution to the Quantum Mechanical Theory of Raman Line Intensities, by I. I. Sobel'man, 4 pp.

RUSSIAN, per, Is Ak Nauk, Ser Fiz, Vol XXII, No 9, 1958, pp 1015-1018.

Columbia Tech

Sc1

Dec 59

101,875

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

Line Shape and Dispersion in the Vicinity of An Absorption Band, as Affected by Induced Transitions, by S. G. Rautian, I. I. Sobel'man, 6 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLI, No 2, 1961, pp 456-464.

AIP
Sov Phys-JETP
Vol XIV, No 2

Sci
12 Jun 62

193,918

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

Induced Radiative Processes in Quantum and Classical Theories, by I. I. Sobel'man, I. V. Tyutin, 13 pp.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXXIX, No 3, 4, pp 595-616.

Amer Inst of Phys
Sov Phys - Uspekhi
Vol VI, No 2

Sci-Phys
Nov 63

243, 188

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

Intensities in Raman Spectra and the Metallic Model of the Molecule, I. Polyene Compounds, by F. A. Savin, I. I. Sobel'man, 4 pp.

RUSSIAN, per, Optika i Spektro, Vol VII, No 6, 1959, pp 733-739.

OSA

Sci

149,523

Apr 61

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

On the Theory of the Width of Atomic Spectral Lines, by I. I. Sobel'man, 38 pp.

RUSSIAN, no per, Usp Fiz Nauk, Vol LIV, No 4, 1954, pp 551-586.

CST-13558
A.E.R.E. Harwell Lib Tr 655

Sci - Nuclear Physics
March 57 CTS/dex

44, 473

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

On the Applicability of Statistical Theory to Pressure and Doppler Broadening of Spectrum Lines, by I. I. Sobel'man, 2 pp.

Full translation.

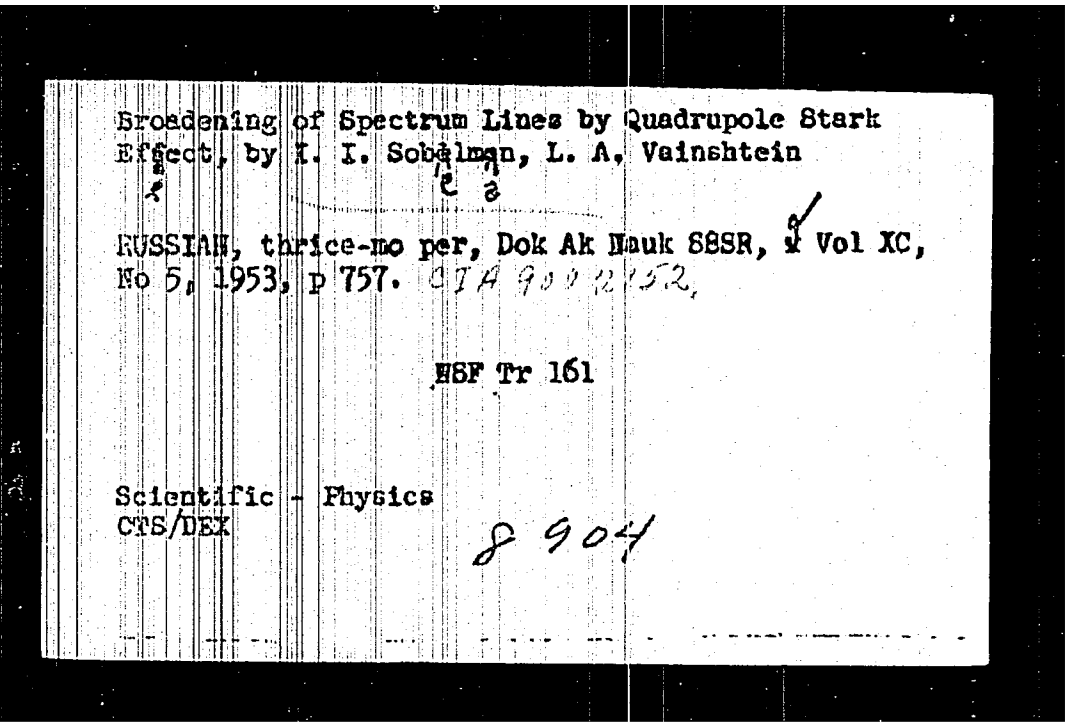
RUSSIAN, Izv Ak Nauk, Ser Fiz, Vol XIX, No 1, 1955, p 24. CIA C 42053

Columbia Tech Tr 34,641

Scientific - Physics
May 56 CIS/dex

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



Broadening of Spectrum Lines by Quadrupole Stark Effect, by I. I. Sobelman, L. A. Vainshtein

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XC, No 5, 1953, p 757. CIA 90-12152.

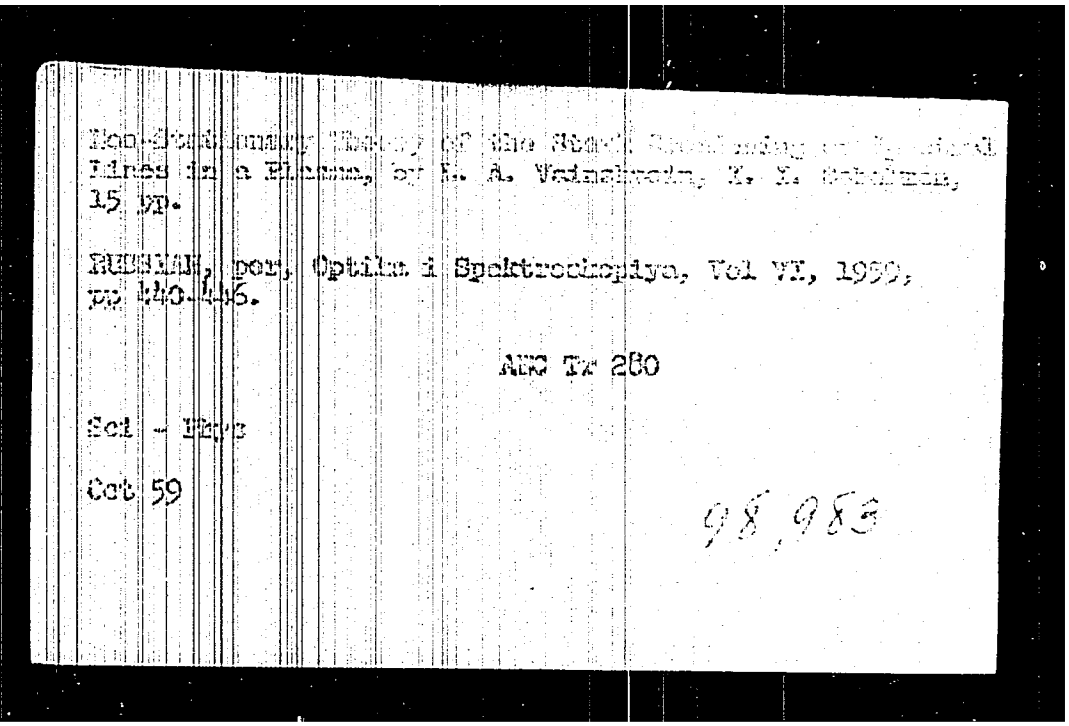
HSF Tr 161

Scientific - Physics
CTS/DEX

8 904

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



Non-Stationary Theory of the Motion [illegible] Lines in a Plasma, by K. A. Vainshtein, K. Z. Gribkova, 15 pp.

RUSSIAN, pub, Optika i Spektroskopiya, Vol VI, 1959, pp 440-446.

AMD Tr 280

Sol - Expn

Oct 59

98,983

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

Some Optical Effects of Plasma Oscillations in a Solid, by I. I. Sobel'man, E. L. Feinberg, 6 pp

RUSSIAN, pub, Zhur Eksper i Teoret Fiz, Vol XXXIV, No 2, 1958, pp 494-500

Amer Inst of Phys
Sov Phys - JETP
Vol VII (34), No 2

Sci - Physics

Oct 58

74,679

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

Line-Width of Rayleigh Scattering in Gases, by
I. I. Sobel'man, 5,pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
LXXVIII, No 4, 1953, p 653.

NSP Tr 34

SLA
11-546

Scientific - Chemistry Jul 53 CTS/DEK

3871

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

Optical Effects of Collective Electron Oscillations in Metals, by I. I. Sobel'man, E. L. Feinberg, 5 pp.

RUSSIAN, par, Iz Ak Nauk SSSR, Ser Fiz, Vol XXII, No 6, pp 654-658.

Columbia Tech

Sci - Phys
Jul 59

93,222

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

On the Broadening and Shift of Spectral Lines in a Highly Ionized Plasma, by L. A. Vainshtein, V. G. Kolosnikov, M. A. Mosing, S. L. Mandel'shtam, I. I. Sobel'man, 6 pp.

RUSSIAN, ppr, Zh Ak Nauk SSSR, Ser Fiz, Vol XXIX, No 6, 1958, pp 718, 719.

AEC MP 197

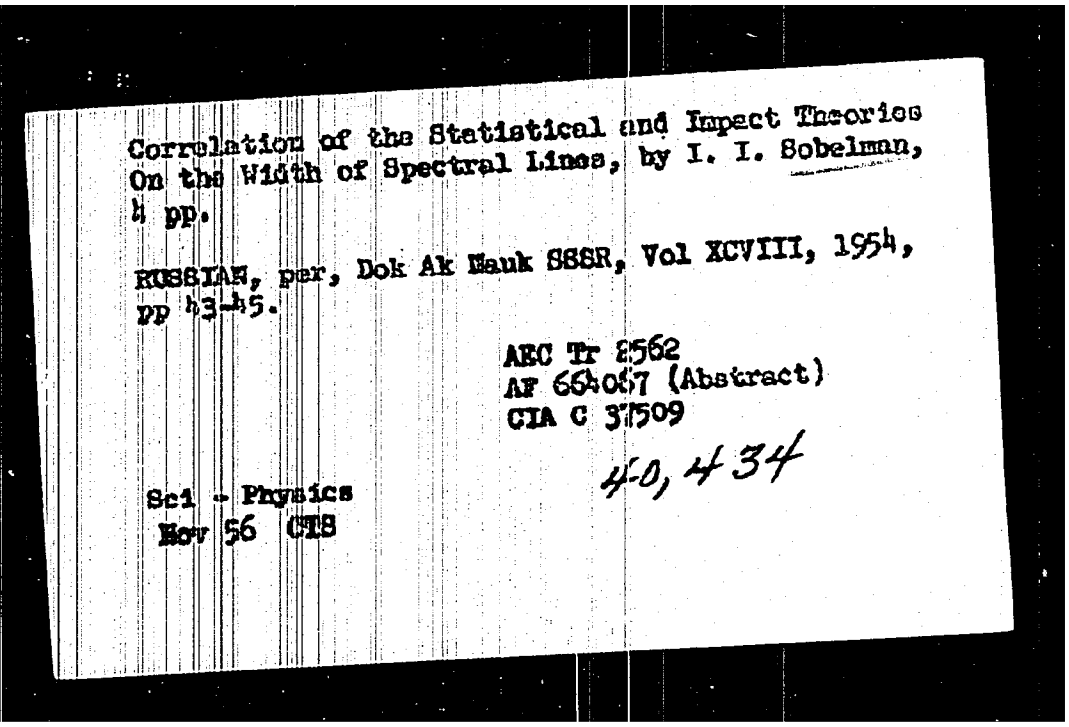
Sci - Phys

Feb 59

80,017

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



Correlation of the Statistical and Impact Theories On the Width of Spectral Lines, by I. I. Sobelman, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCVIII, 1954, pp 43-45.

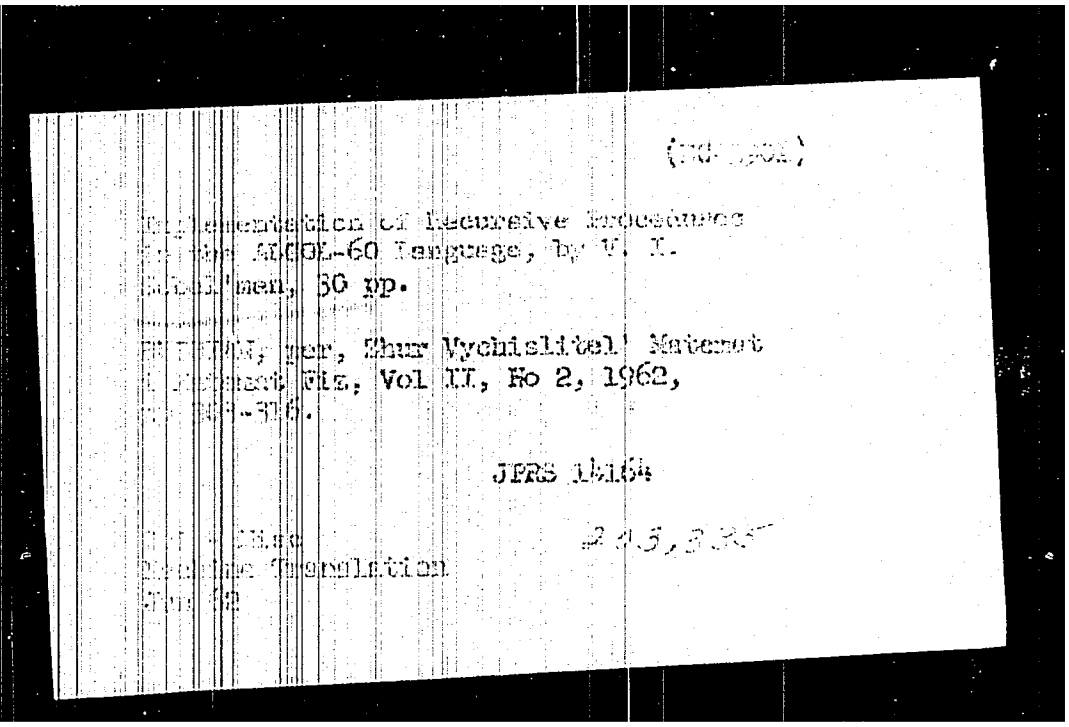
AEC Tr 2562
AF 66407 (Abstract)
CIA C 3509

40, 434

Sci - Physics
Nov 56 CTS

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



(TRANSLATION)

Implementation of Recursive Processes
in the ALGOL-60 Language, by V. K.
Shchel'nen, 30 pp.

[illegible], ger, Zhur Vychislitel' Matemat
i Matemat Fiz, Vol II, No 2, 1962,
[illegible]-376.

JPRS 14164

[illegible] 215,335
[illegible] Translation
[illegible] 62

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

(DC-3501)

The Depsndence of the Time of Calculation on the Step Length and the Frequency of Random Slips of the Machine, by V. I. Sobel'man, 7 pp.

RUSSIAN, per, Zhur Vychislitel' Matemat i Matimat Fiz, Vol I, No 1, 1961, pp 163-168.

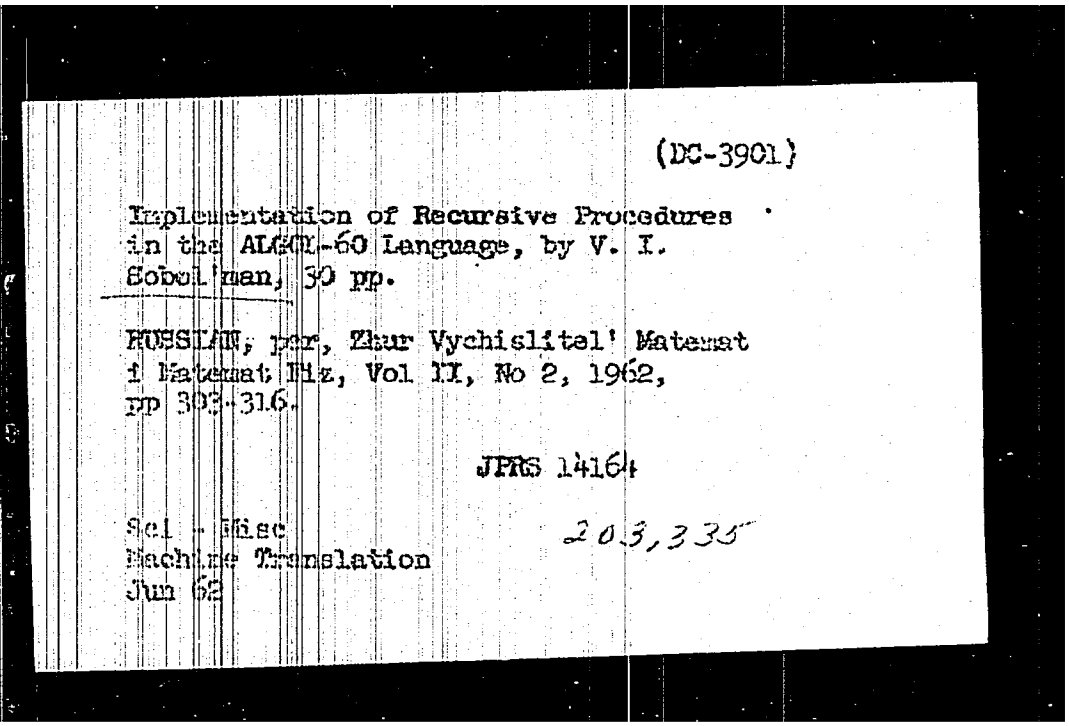
JPRS 11844

Sci - Misc
Machine Translation
Jan 62

179,144

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



(DC-3901)

Implementation of Recursive Procedures in the ALGOL-60 Language, by V. I. Sobol'man, 30 pp.

RUSSIAN; per, Zhur Vychislitel' Matemat i Matemat Fiz, Vol II, No 2, 1962, pp 303-316.

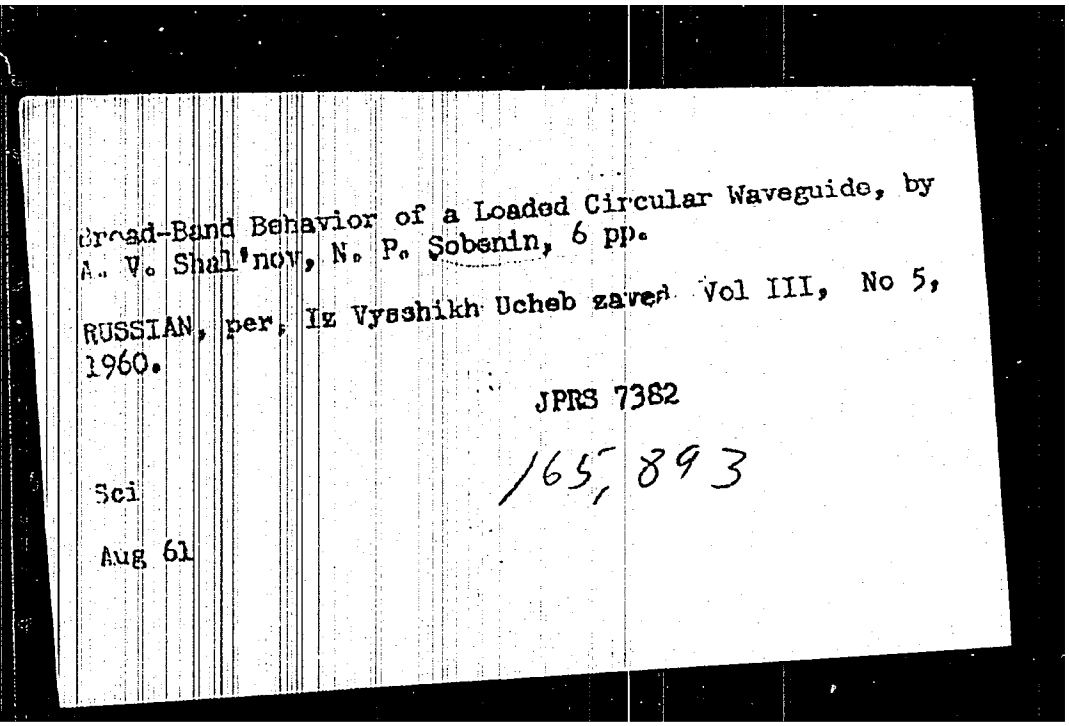
JPRS 14164

Sel - Misc
Machine Translation
Jun 62

203,335

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



Broad-Band Behavior of a Loaded Circular Waveguide, by A. V. Shal'nov, N. P. Sobenin, 6 pp.

RUSSIAN, per, Iz Vysshikh Ucheb zaved Vol III, No 5, 1960.

JPRS 7382

165,893

Sci

Aug 61

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

Measurement of Variable Phase Velocity in a Waveguide, by O. A. Val'dner, N. P. Sobenin, 4 pp.

RUSSIAN, per, Pribory i Tekh Eksper, No 4, 1958, pp 19-21.

Instru Soc of Amer

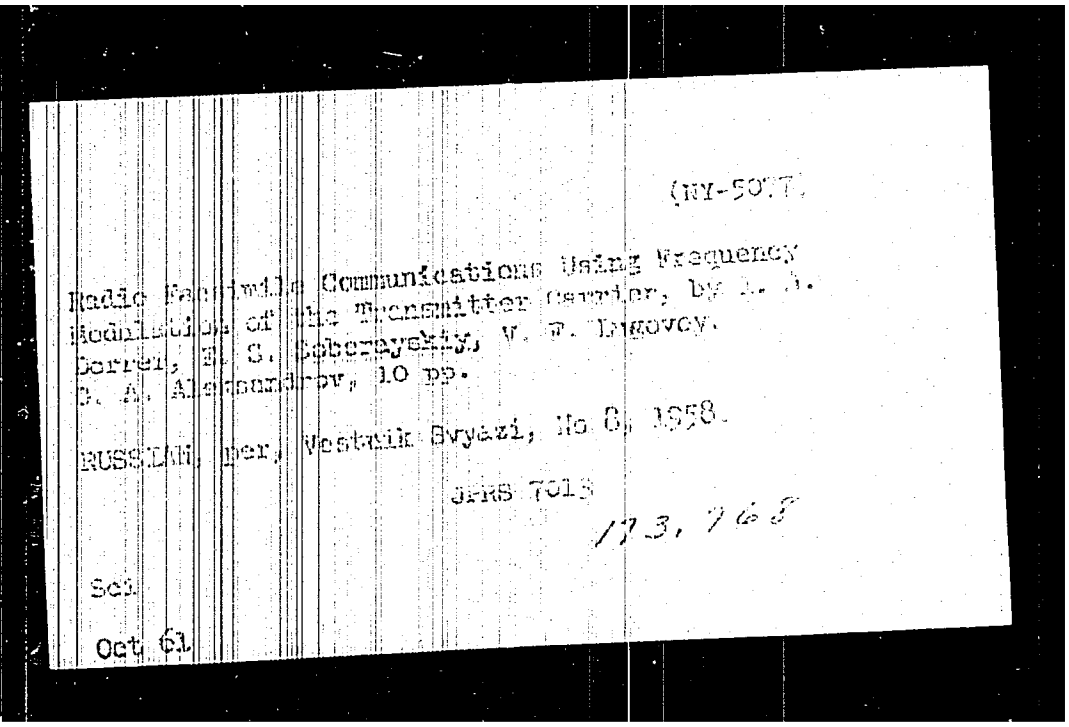
Sci

Apr 60

114,016

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



(NY-5077)

Radio Facsimile Communications Using Frequency Modulation of the Transmitter Carrier, by L. A. Borrer, E. S. Soberyakiy, V. P. Dmovov, D. A. Aleksandrov, 10 pp.

RUSSIAN, per, Vestnik Svyazi, No 8, 1958.

JPRS 7015

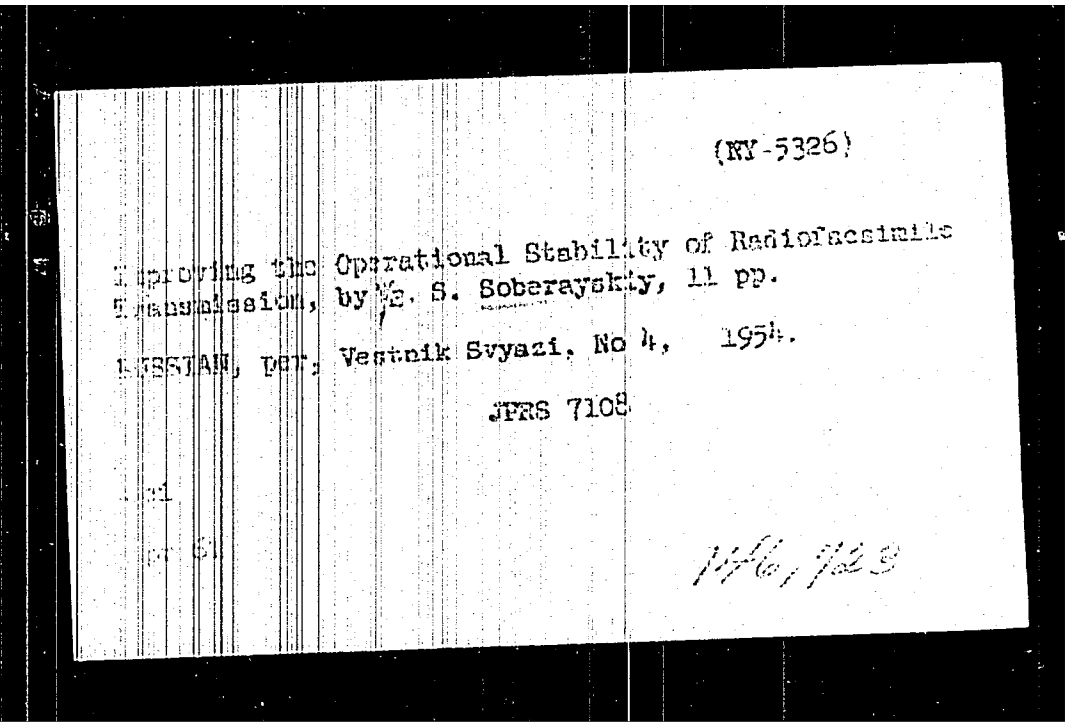
173, 748

Sci

Oct 61

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



(NY-5326)

Improving the Operational Stability of Radiofacsimile Transmission, by Ye. S. Soberayskiy, 11 pp.

RUSSIAN, per: Vestnik Svyazi, No 4, 1954.

JPRS 7108

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

To the Systematics of the Upper Cretaceous Pectinids From MK the Mid-Pridniester Region, by V. A. Sobetsky, 18 pp.

RUSSIAN, per, Paleontol Zhur, 1960, No 2, pp 63-71.

Dept of Interior
QE3 E57 No 45

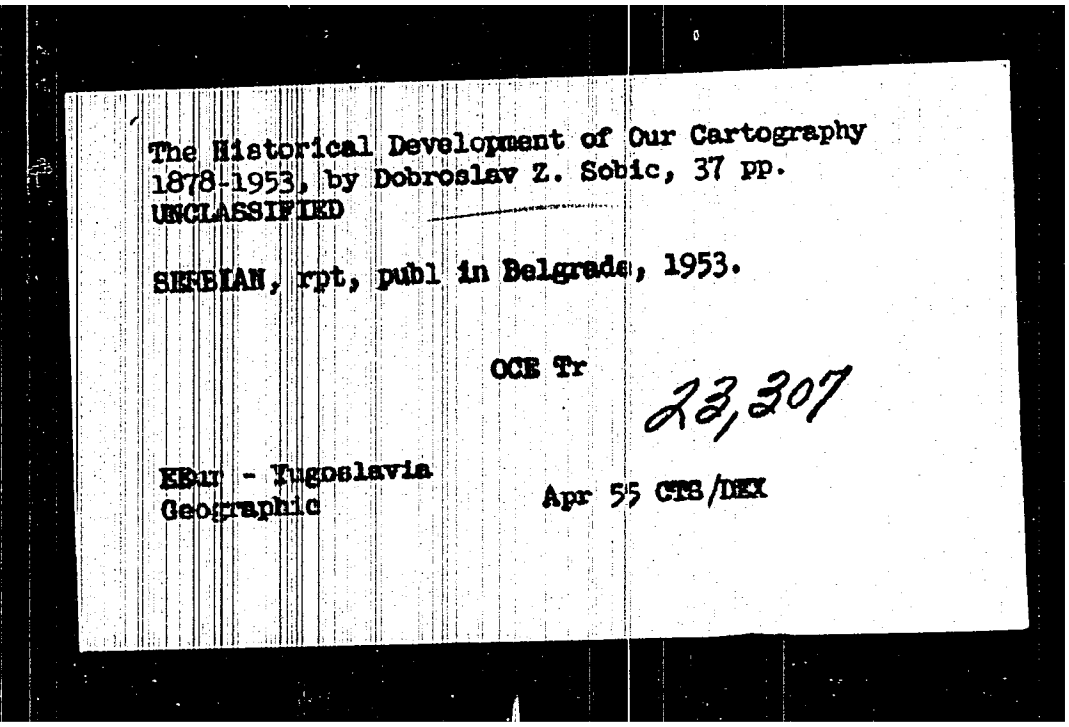
168, 393

Sci - Geophys

Sep 61

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



The Historical Development of Our Cartography 1878-1953, by Dobroslav Z. Sobic, 37 pp.
UNCLASSIFIED

SERBIAN, rpt, publ in Belgrade, 1953.

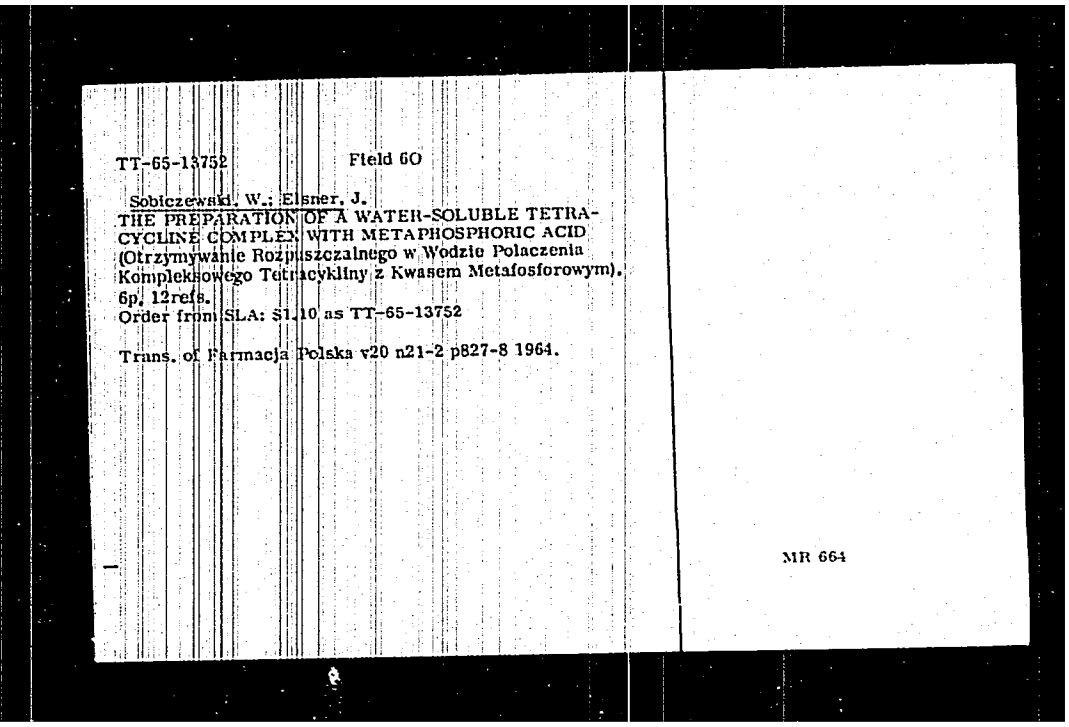
OCE Tr 23,307

EEur - Yugoslavia
Geographic

Apr 55 CTS/DEX

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



TT-65-13752 Field 6O

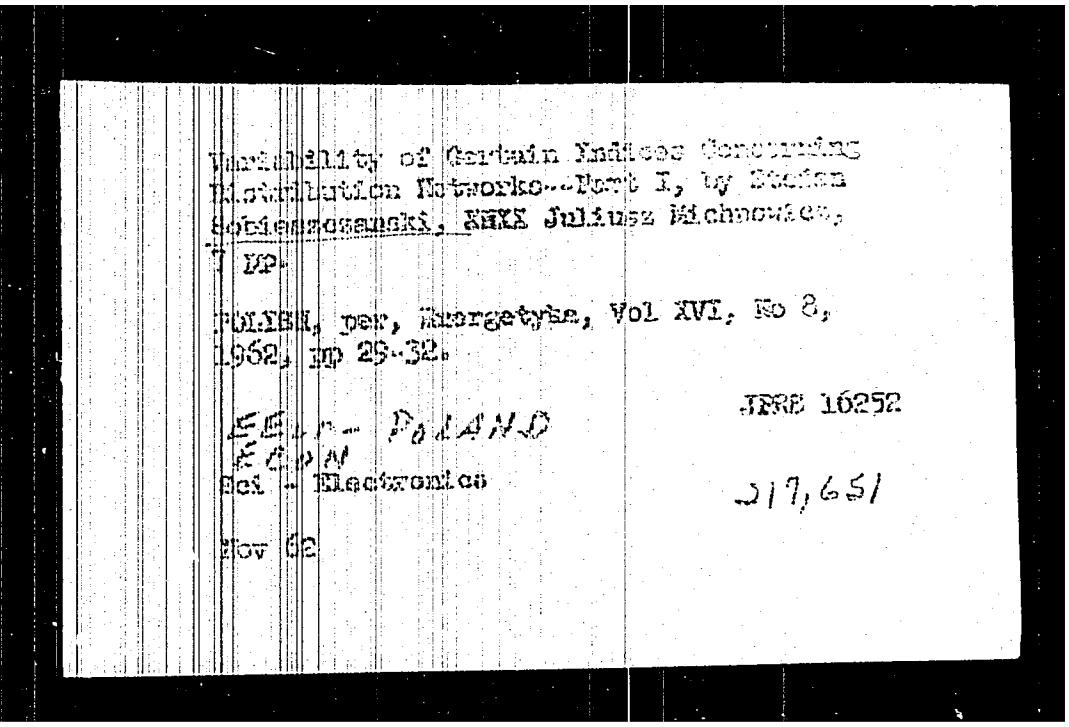
Sobiczewski, W.; Elsner, J.
THE PREPARATION OF A WATER-SOLUBLE TETRACYCLINE COMPLEX WITH METAPHOSPHORIC ACID
(Otrzymywanie Rozpuszczalnego w Wodzie Polaczenia Kompleksowego Tetracykliny z Kwasem Metafosforowym).
6p. 12refs.
Order from SLA: $1.10 as TT-65-13752

Trans. of Farmacja Polska v20 n21-2 p827-8 1964.

MR 664

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



Variability of Certain Indices Concerning Distribution Networks--Part I, by Stefan Sobieszczanski, MGR Juliusz Michnowski, 7 pp

PUNEH, per, Energetyka, Vol XVI, No 8, 1962, pp 29-32.

JPRS 16252

EE/P - POLAND
EC/P/M
Sci - Electronics

17,651

Nov 62

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

Phasic Changes in the Pathogenesis of Gas Gangrene, by [illegible]. Ya. Ostry, Z. I. Sobieva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 3, 1957, pp 633-

Amer Inst of Biol Sci

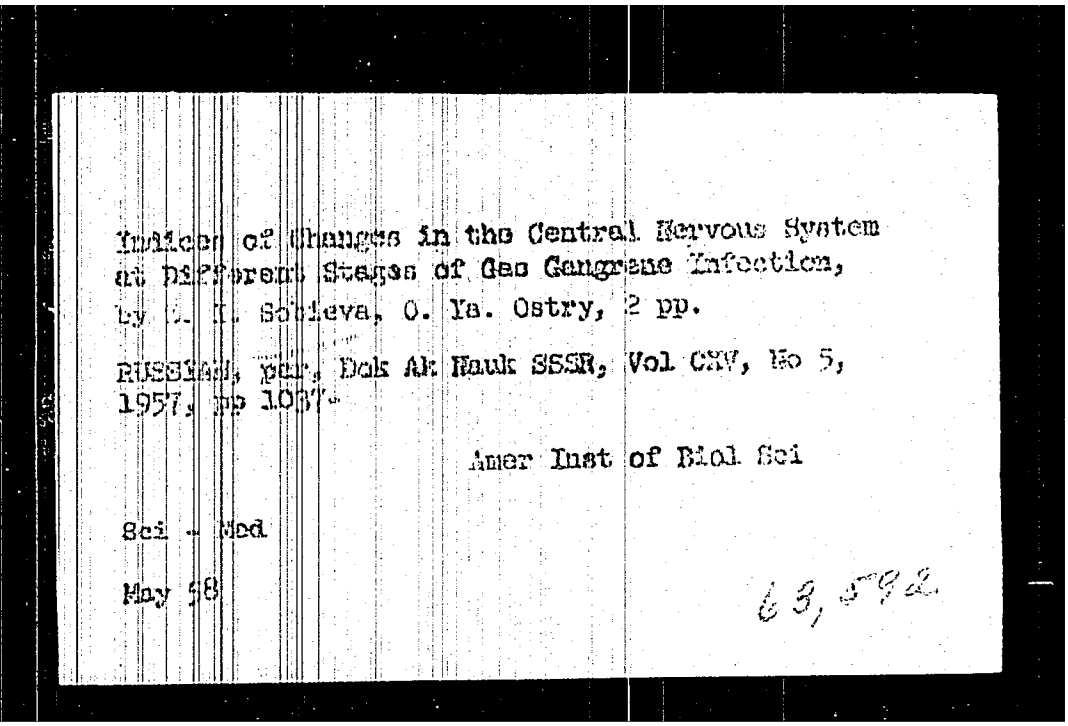
Sci - Med

May 58

63,587

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



Problem of Changes in the Central Nervous System at Different Stages of Gas Gangrene Infection, by [illegible] Sokolova, O. Ya. Ostry, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 5, 1957, pp 1037-

Amer Inst of Biol Sci

Sci - Med

May 58

63,792

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

The Peculiarities of the Course of Anaerobic Infection in Rats Possessing Damaged Cerebral Cortices, by Z. I. Sobieva, 4 pp.

RUSSIAN, no per, Bgul Eksper Biol i Med, Vol XLI, No 10, Oct 1956, pp 15-18.

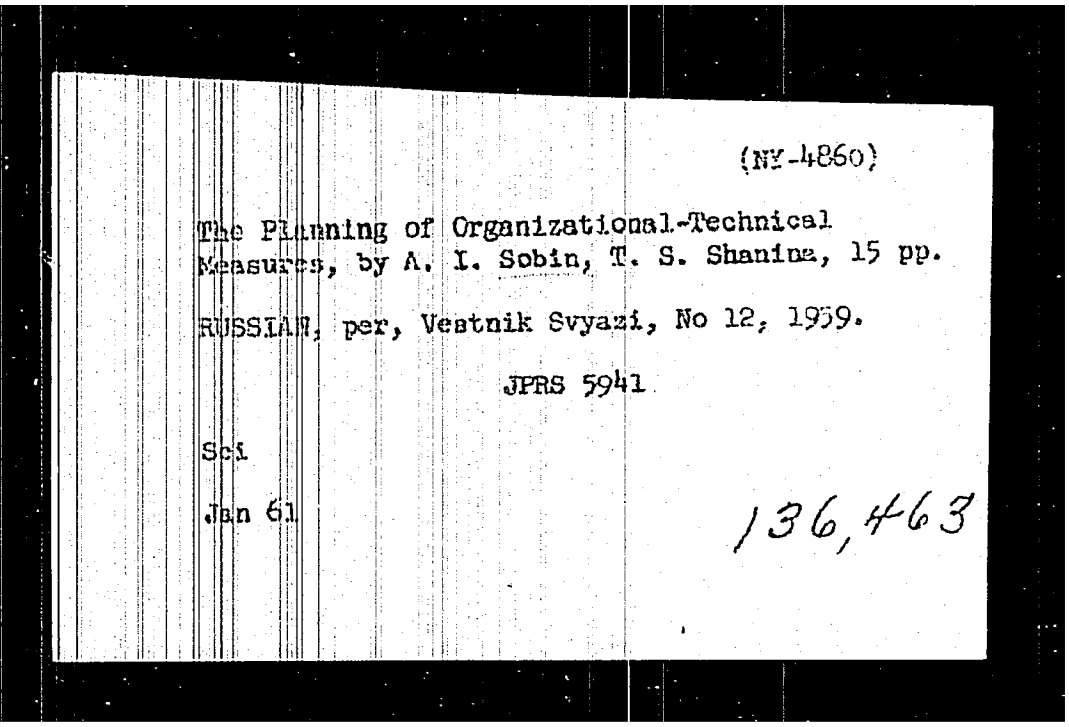
Consultants Bureau

Sci - Medicine
Jan 58

57, 496

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



(NY-4860)

The Planning of Organizational-Technical Measures, by A. I. Sobin, T. S. Shanina, 15 pp.

RUSSIAN, per, Vestnik Svyazi, No 12, 1959.

JPRS 5941

Sci

Jan 61

136,463

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

(NY-5103)

The New Time-Bonus System for Communications Workers of General Skills, by A. I. Sobin, 13 pp.

RUSSIAN, per, Vestnik Svyazi, No 9, 1960.

JPRS 5920

Sci

Apr 61

147,373

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

Multichannel Amplitude Analyzer with a Mechanical Commutator, by I. L. Grigorov, V. Ya. Shestoperov, V. A. Sobinyakov, 3 pp.

RUSSIAN, per, Priobory i Tekh Eksper, No 6, 1959, pp 67-69.

Instru Soc of Amer

Sci

Sep 60

127,424

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

The Interaction Between Light Atomic Nuclei and Particles with Energies of 10^{12} to 10^{13}ev, by N. L. Grigorov, N. Ya. Shestoperov, V. A. Sobinyakov, and A. V. Podgurskaya, 8 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIII, No 5 (11), 1957, pp 1099-1109.

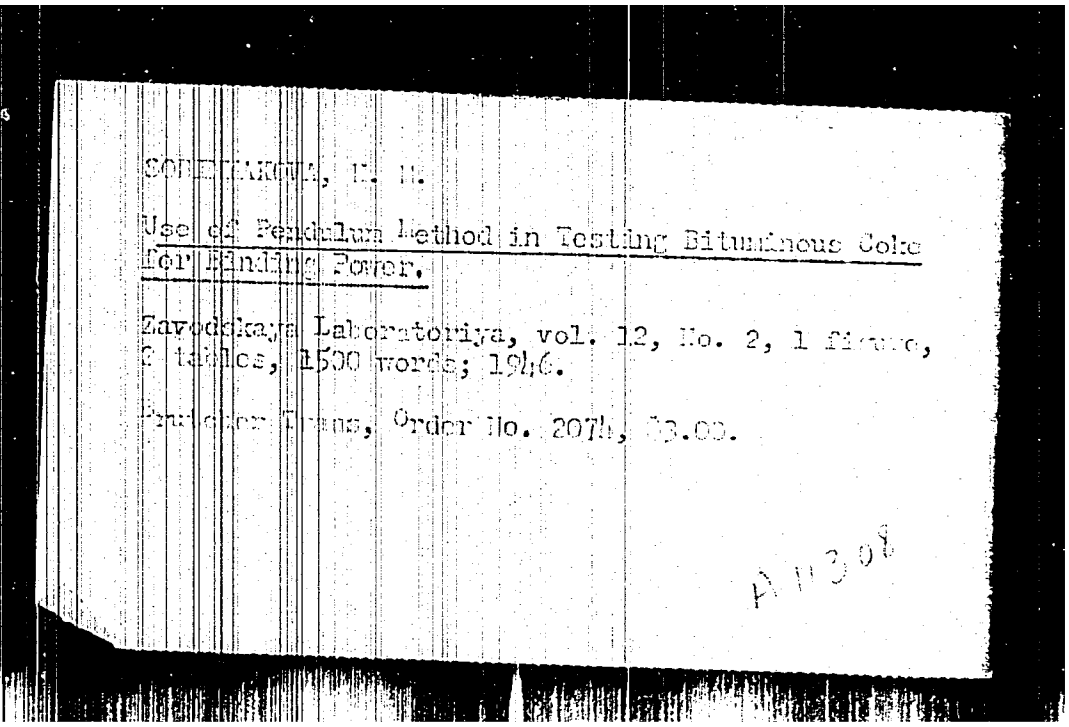
Amer Inst of Phys
Sov Phys-JETP
Vol VI(33), No 5

67,071

Sci F- S/Phys

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



SOKOLOVA, E. N.

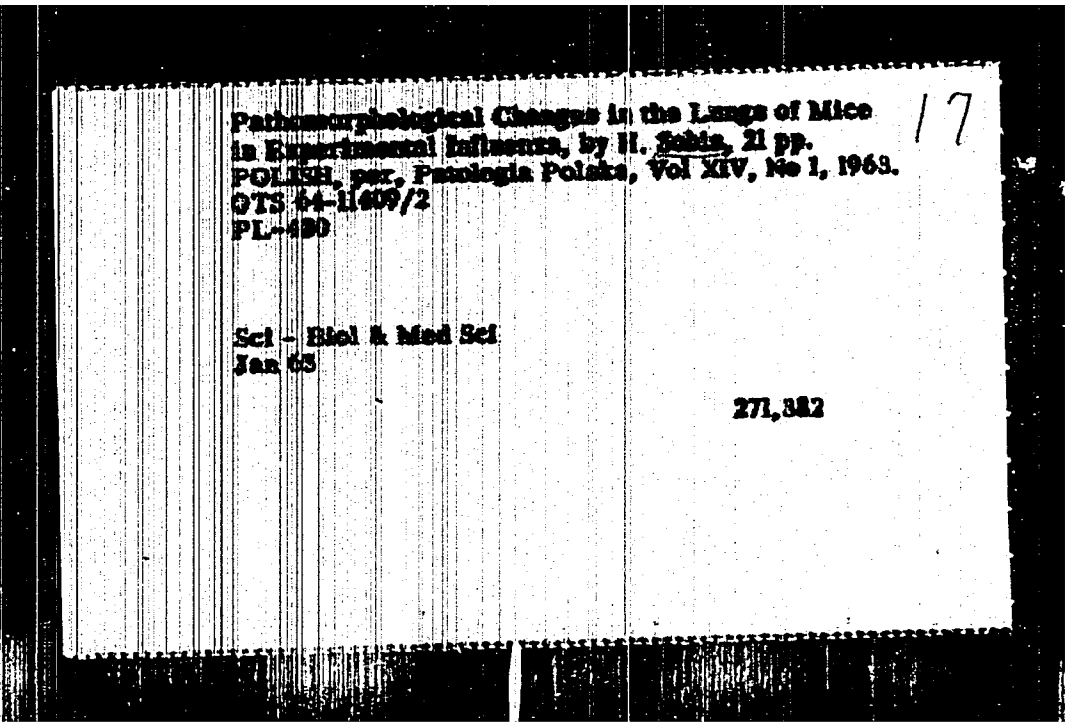
Use of Pendulum Method in Testing Bituminous Coke for Binding Power.

Zavodskaya Laboratoriya, vol. 12, No. 2, 1 figure, 2 tables, 1500 words; 1946.

Engineer Trans, Order No. 2074, 3.00.

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



Pathomorphological Changes in the Lungs of Mice
in Experimental Influenza, by H. Zabia, 21 pp.
POLISH, per. Patologia Polska, Vol XIV, No 1, 1963.
OTS 64-11409/2
PL-430

Sci - Biol & Med Sci
Jan 65

271,382

17

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

Useful Enterprise,
by A. I. Sobko, 5 pp.

RUSSIAN, per, Vestnik Svyazi, No 8, 1957.

JPRS 7031

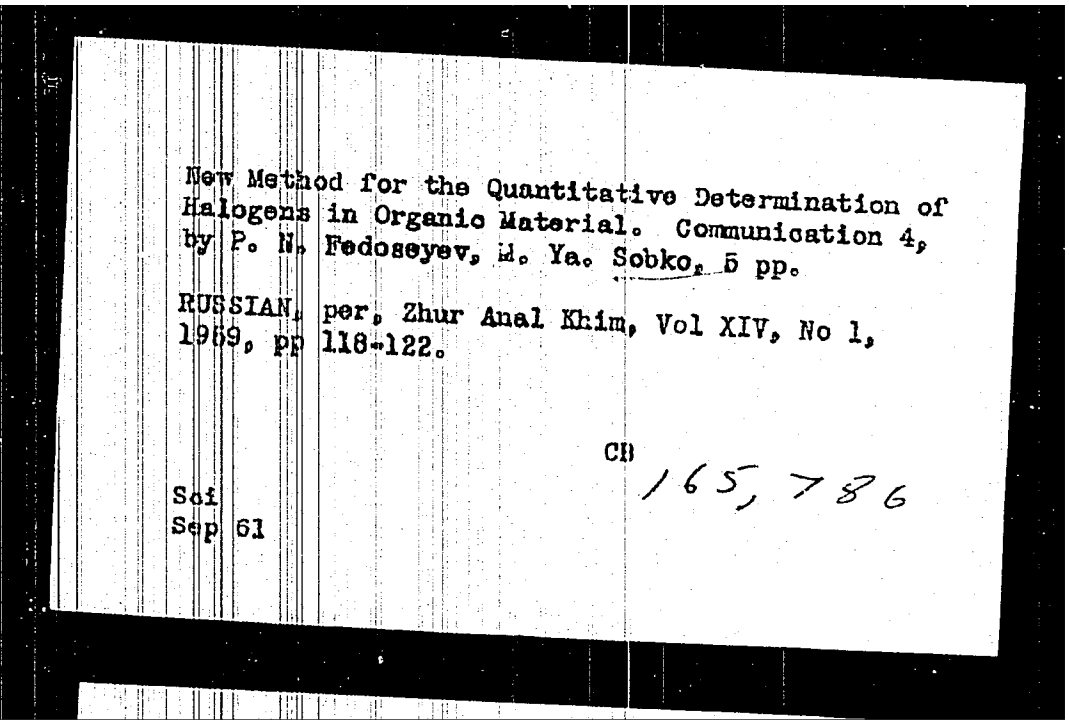
Sci

165,876

Aug 61

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



New Method for the Quantitative Determination of Halogens in Organic Material. Communication 4, by P. N. Fedoseyev, M. Ya. Sobko, 5 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XIV, No 1, 1959, pp 118-122.

CB

165,786

Sdf
Sep 61

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

(NY-4856)

Dissemination of Experience Gained by the School Post Office, by A. I. Sobko, Ye. Z. Belen'kiy, 5 pp.

RUSSIAN, per, Vestnik Svyazi, No 8, 1959.

JPRS 5999

Sci

Feb 61

139, 114

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

Mechanization of Postal Service Enterprises is a Problem of Paramount Importance, by A. I. Sobko, 6 pp.

RUSSIAN, per, Vestnik Svyazi, No 2, 1961.

JPRS 9582

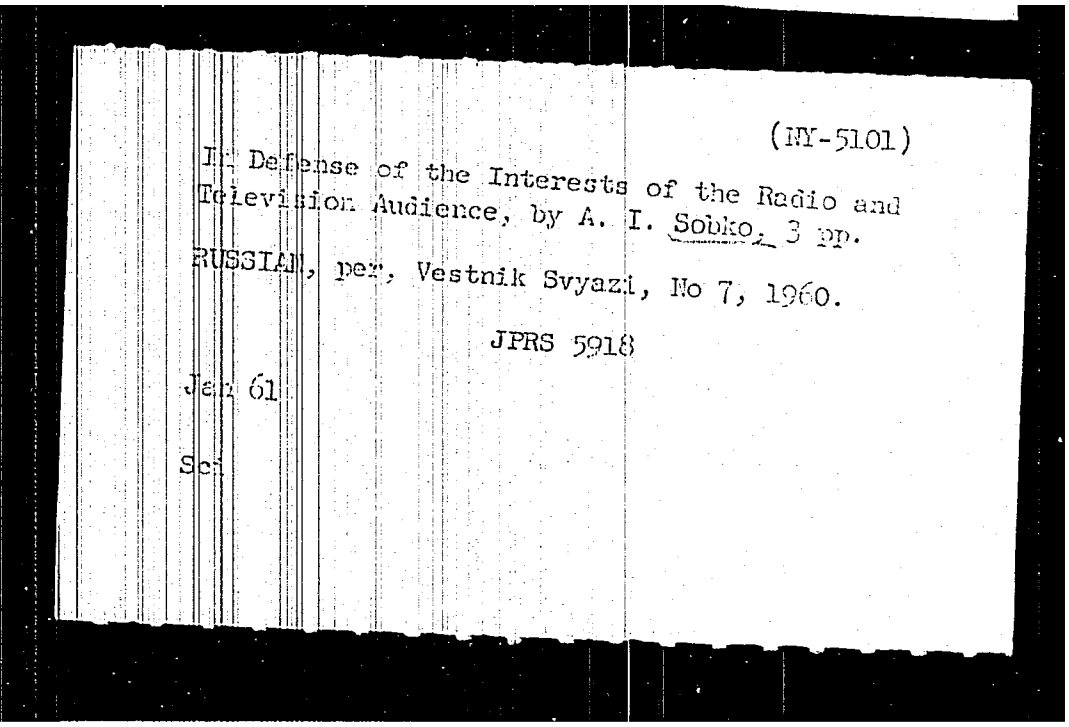
Sci

Jul 61

160, 325

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



(NY-5101)

In Defense of the Interests of the Radio and Television Audience, by A. I. Sobko, 3 pp.

RUSSIAN, per, Vestnik Svyazi, No 7, 1960.

JPRS 5918

Jan 61

Sci

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

A Method for the Quantitative Determination of Halogens in Organic Materials. I. Quantitative Determination of Chlorine, Bromine, and Iodine, by P. N. Fedoseyev, M. Ya. Sobko, 4 pp.

Full translation.

RUSSIAN, bimo per, Zhur Anal Khim, Vol X, No 5, 1955, pp 323-326. CIA C 41024

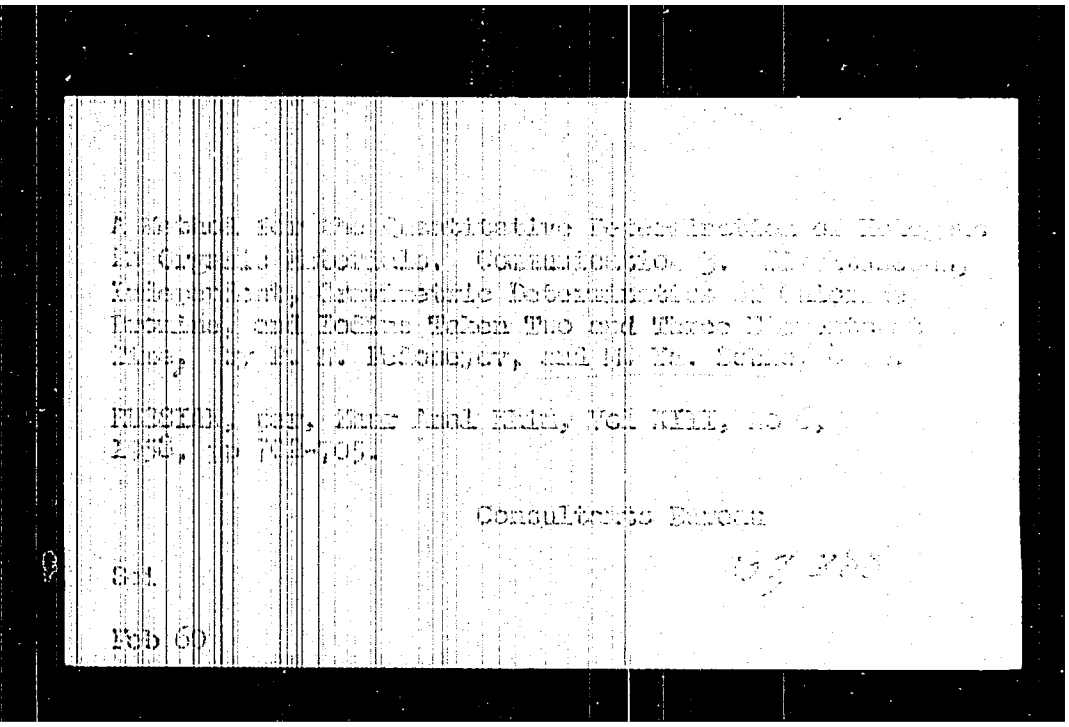
Consultants Bureau

32,010

Scientific - Chemistry
Mar 56 CTS/dex

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

New Methods for the Quantitative Determination of Halogens in Organic Compounds. II. Gravimetric Determination of Chlorine, Bromine, and Iodine, by P. N. Fedoseyev, M. Ya. Sobko, 4 pp.

RUSSIAN, per, Zhur Anal Khim, Vol. XIII, No 5, 1958, pp 595-598.

Consultants Bureau

Sci - Chem
Aug 59

93,784

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

Radio Communication for Underground Mining, by Lucjan Sobkowiak, 10 pp.

POLISH, per, Przeglad Gorniczy, Nos 7-8, 1962, pp 453-459.

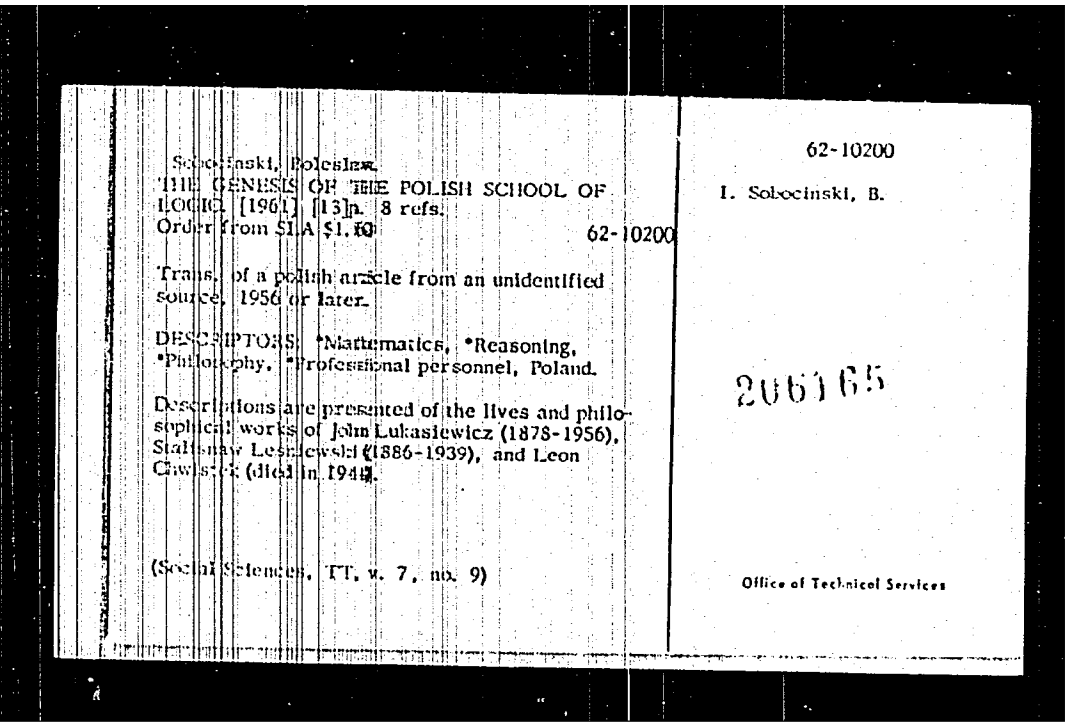
JPRS 15875

EEur - Poland
Econ
Oct 62

216,963

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



Sobocinski, Boleslaw.
THE GENESIS OF THE POLISH SCHOOL OF LOGIC. [1961] [13]p. 8 refs.
Order from SLA $1.00 62-10200

Trans. of a polish article from an unidentified source, 1956 or later.

DESCRIPTORS: *Mathematics, *Reasoning, *Philosophy, *Professional personnel, Poland.

Descriptions are presented of the lives and philosophical works of Jan Lukasiewicz (1878-1956), Stanislaw Lesniewski (1886-1939), and Leon Chwistek (died in 1944).

(Social Sciences, TT, v. 7, no. 9)

62-10200

I. Sobocinski, B.

206165

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

(NY-3917)

Extension Unit For a TISS Radiometer for Measuring Soft -Radiation, by A. F. Sobol', Yu. V. Seredina, 4 pp.

RUSSIAN, per, Medit Radiol, Vol V, No 2, 1960.

JPRS 5078

Sci - Med

Aug 60

125,163

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

Activities of the Scientific and Engineering Society NTO At the Armenian Electric Machinery Building, by D. Sokol, 7 pp.

RUSSIAN, per, Mekh-Tekh Obshch, No 8, 1963, pp 125-17.

JPRS 22804

USSR
Econ
Jan 64

247, 105

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

Concerning the Detector Properties of a Plasma, by G. A. Sobol', 18 pp.

RUSSIAN, per, Iz Vysshikh Uchob Zaved MVisSO SSR, Ser Radiofiz, Vol V, No 5, 1962, pp 963-971

JPRS 18823

Sci -- Elec

May 63

228,918

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

On the effect of an external force on an oscillator, by I. M. Sobol', 5 pp.

RUSSIAN, ppr, Radiotekh i Elektron, Vol IV, No 9, 1959, pp 1739-1748.

PP

Sci

Feb 61

144,074

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

(Method Used to Find Pseudorandom Numbers in Strela-1 Described) Pseudorandom Numbers for the 'Strela' Computer, by I. M. Sobol, 8 pp.

RUSSIAN, per, Teoriya Veroyatnostey i yeye Primeneniya, Vol III, No 2, 1958, pp 205-211.

Sci Info Report PB 131891T-5 (pp 42-50)

Sci - Electronics
Oct 58

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

Set for Determination of Vitamin C in Food, by A. I. Ibragimov, I. S. Sobol'

RUSSIAN, mo per, Voyenno Med Zhur, No 11, Moscow, Nov 1958, pp 77-78

US JPRS 12h9-H

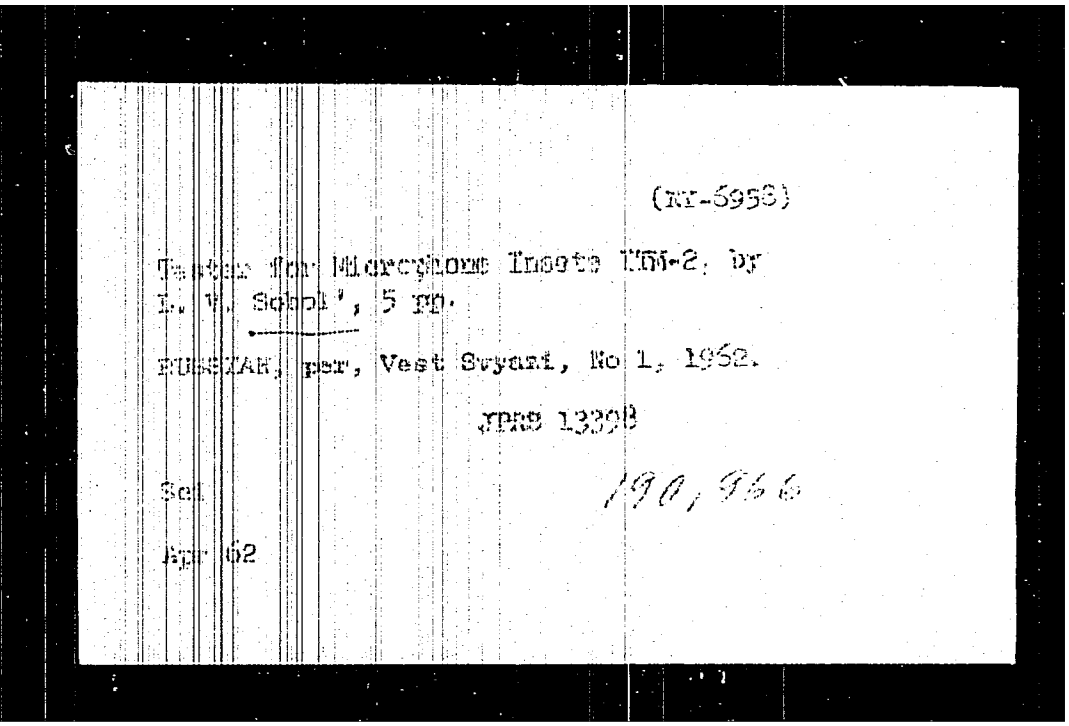
Lic - Chem, med

81,399

2 Jn 59

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



(NT-5958)

Tests for Microphone Insets TM-2, by
L. V. Sobol', 5 pp.

RUSSIAN, per, Vest Svyazi, No 1, 1962.

XPRS 13398

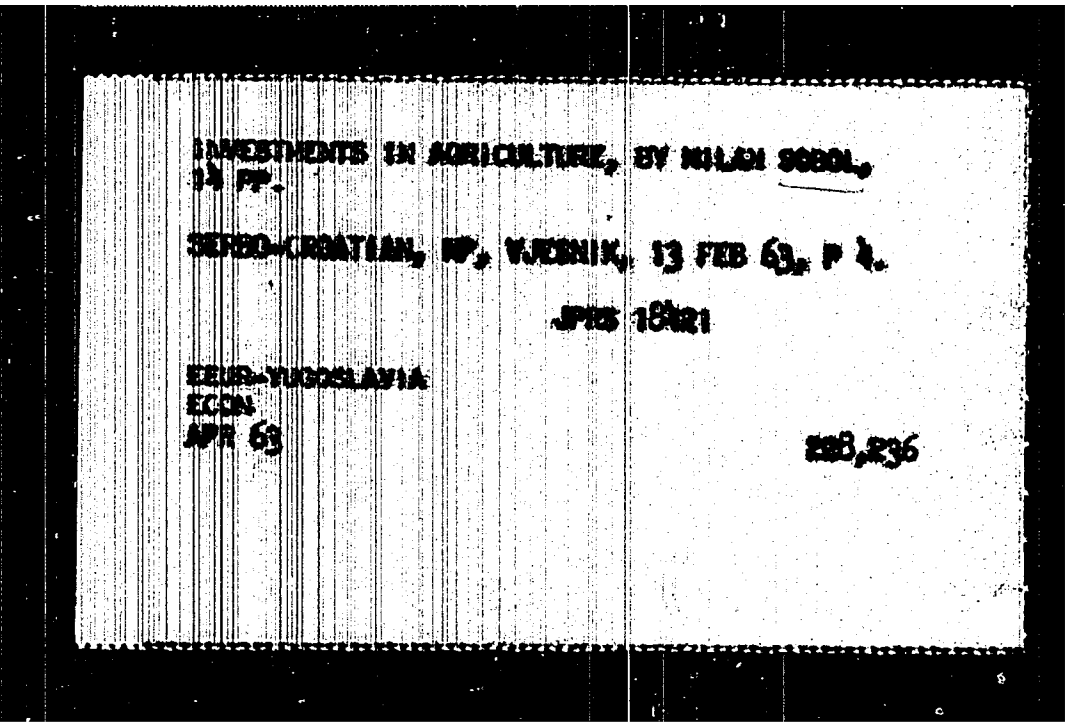
190,966

Sel

Apr 62

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



INVESTMENTS IN AGRICULTURE, BY MILAN SOBOL, 3½ PP.

SERBO-CROATIAN, NP, VJESNIK, 13 FEB 63, P 4.

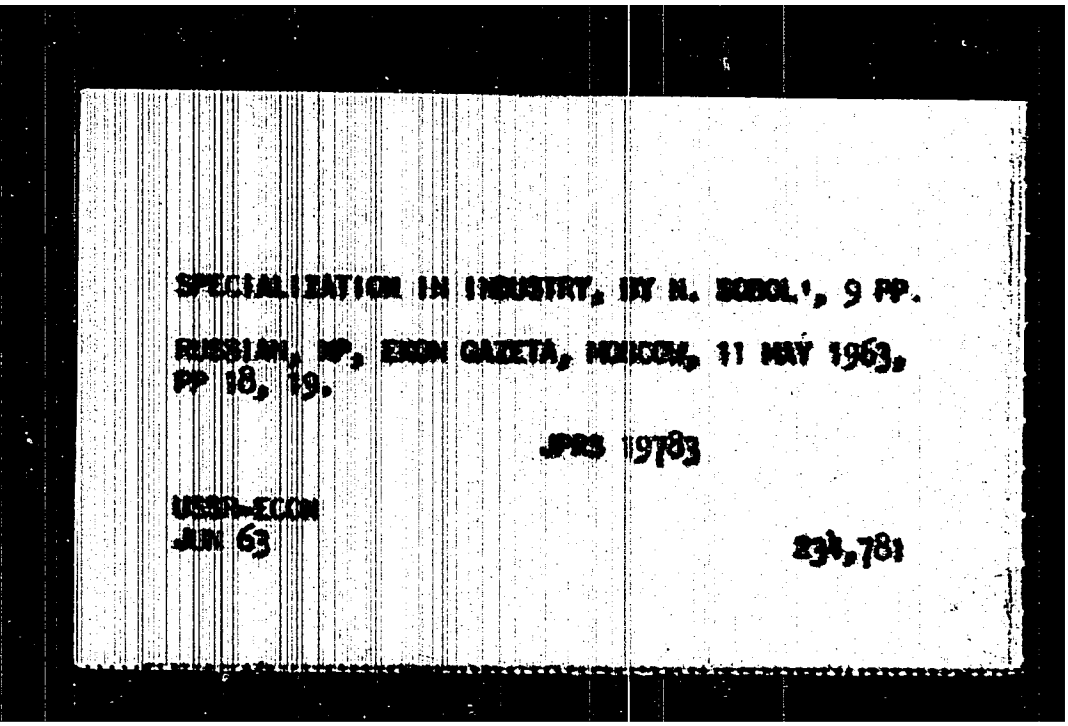
JPRS 18421

EELR-YUGOSLAVIA
ECON
APR 63

288,236

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



SPECIALIZATION IN INDUSTRY, BY N. BOBOL', 9 PP.

RUSSIAN, MP, EKON GAZETA, MOSCOW, 11 MAY 1963, PP 18, 19.

JPRS 19783

USSR-ECON
JUN 63

234,781

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

SOME QUESTIONS ON IMPROVING THE WORK OF IN-
DUSTRIAL ENTERPRISES, BY N. SOBOL', 13 PP.

RUSSIAN, PER, KOMMUNIST, NO 15, OCT 1962,
PP 45-53.

JPRS 16482

USSR
ECON
DEC 62

218,120

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

Criticism of the Book: K. S. Kalugin, U. Ya. Margulis, K. A. Trukhanov, L. N. Uspenskiy. "Practical Textbook on Dosimetry," by N. V. Sobol, 5 pp.

RUSSIAN, per, Medit Radiolog, Vol V, No 3, 1960.

JPRS 5124

Sci

Oct 60

130,483

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

Obtaining Bismuth From Waste Products After Finishing Tungsten Intermediate Products, by V. A. Skorov and S. I. Sobol', 8 pp.

RUSSIAN, per, Tsvetnye Metally, Vol II, No 7, 1961, pp 19-27

PS

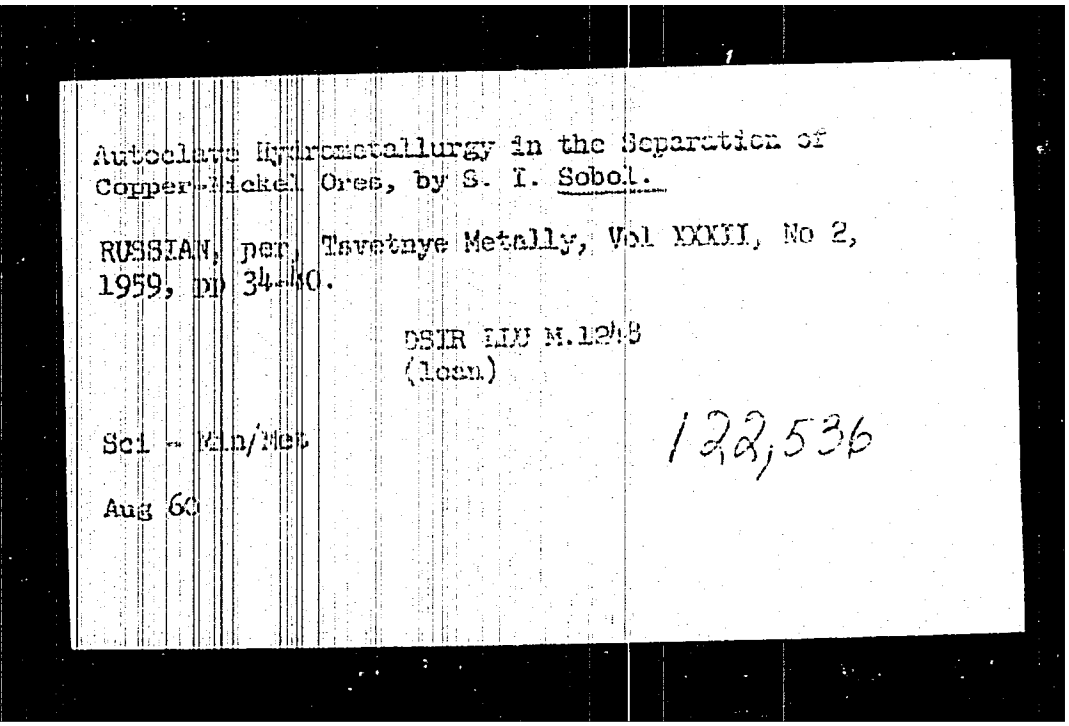
Sci

214,218

Oct 62

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



Autoclave Hydrometallurgy in the Separation of Copper-Nickel Ores, by S. I. Sobol.

RUSSIAN, per, Tsvetnye Metally, Vol XXXII, No 2, 1959, pp 34-40.

DSIR LIB M.12/8
(Loan)

Sci - Min/Met

Aug 60

122,536

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

Sobol', S. I.
THE CONDITIONS FOR THE REDUCTION OF LEAD FROM ITS COMPOUNDS IN AQUEOUS MEDIA BY MEANS OF PRESSURIZED HYDROGEN (Usloviya Vosstanovleniya Svintsa iz yego Soyedinenii v Vodnykh Sredakh Vodorodom pod Davleniyem). Jan 61 [11]p.
6 refs. RTS 1733.
Order from LC or SLA mi$2.40, ph$3.30 61-15627

Trans. of Gosudarstv[ennyy] Nauchno-Issl[edovatel'skiy] In[stitut] Tsvet[nykh] Met[allov]. Sbornik Nauchnykh Trudov (USSR) 1957, v. 13, p. 115-122.

61-15627

1. Lead--Reduction
2. Hydrogen--Chemical effects
I. Sobol', S. I.
II. RTS-1733
III. Department of Scientific and Industrial Research (Gt. Brit.)

Office of Technical Services

Metallurgy, TT, v. 5, no. 9)

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

Physicochemical Conditions of Precipitation, Heat of Formation, and Solubility Product of Cobalt Hydroxide, by S. I. Sobol, 10 pp.

RUSSIAN, mo per, Zhur Obshch Khim, Vol XXIII, No 6, Jun 1953, USSR, pp 906-917. CIA D/82357

Consultants Bureau

Scientific - Chemistry CTB/DEX

18,701

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

The Value of the Standard Potential of the Ni - Ni(OH)$_4$ Couple and the Properties of the Hydroperoxide of Nickel, by S. I. Sobol, 8 pp.

GERMAN, per, Zhur Fiz Khim, Vol XXVI, 1952, pp 862-865.

AEC Tr 2081

Scientific - Chemistry Mar 55 CTS/DEK

22,291

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

Structure of Cobaltic and Nickel Hydroxide Precipitates, by S. I. Sobol, 3 pp.

[RUSSIAN], mo per, Zhur Obshch Khim, Vol XXIII, No 6, Jun 1953, USSR, pp 901-905. CIA D [illegible] 2354

Consultants Bureau

Scientific - Chemistry CTS/DEX

18,700

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

The Effective Ionic Radii of Elements in Melts and in Solids at High Temperature by S. I. Sobol, 10 pp.

RUSSIAN, Zhur Prik Khim, Vol XXIV, No 7, July 1951, pp 710-720

Consultants Bureau
Vol 24, July 1951

USSR
Scientific - Chemistry

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

Adsorption of Ions on Monolayers. IV. Interaction of univalent and Bivalent Mercury Ions with a Monolayer of Palmitic Acid, by M. A. Gerovich, R. I. Kaganovich, V. V. Sobol';
5 pp.

RUSSIAN, per. Zhur Fiz Khim, Vol XXXIV, No 9, 1960, pp 2091-2098.

Cleaver-Hume Press

Sci
Aug 61

167,078

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

Phylogenetic Relationships and Systematics Of Camallanata by A.A. Sobolev.

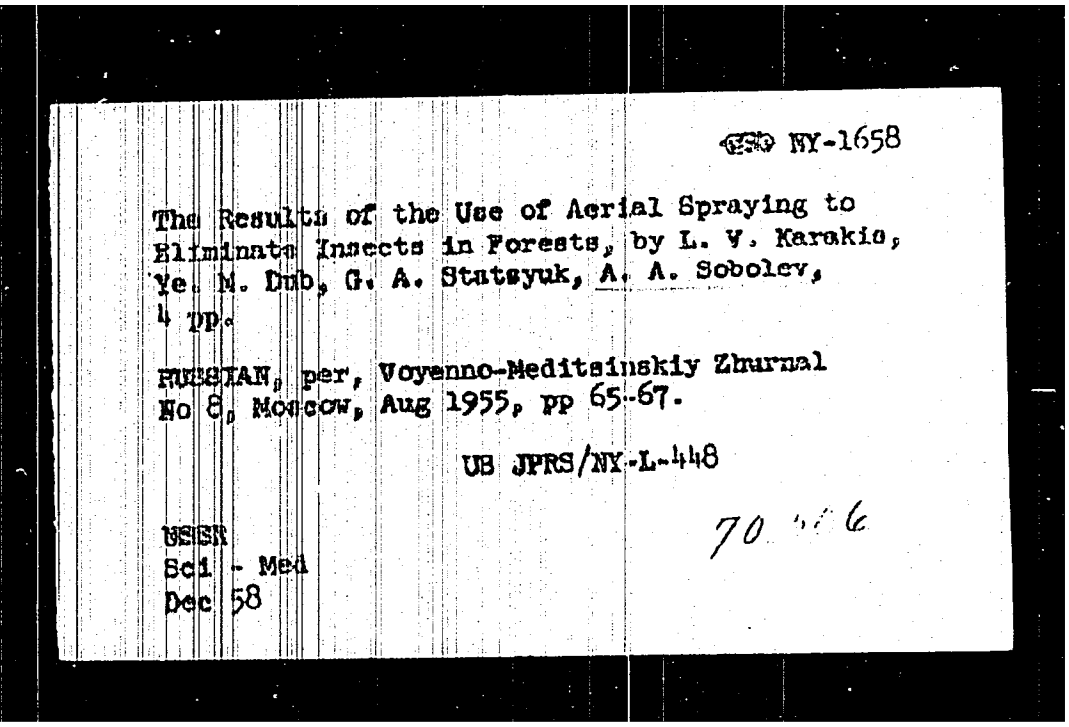
RUSSIAN, per, Akademiya Nauk SSSR Geimintologicheskaya Laboratoriya Trudy, Vol VI, 1952, pp 296-301.

CSIRO

Oct. 62

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



NY-1658

The Results of the Use of Aerial Spraying to Eliminate Insects in Forests, by L. V. Karakis, Ye. N. Dub, G. A. Statsyuk, A. A. Sobolev, 4 pp.

RUSSIAN, per, Voyenno-Meditsinskiy Zhurnal No 8, Moscow, Aug 1955, pp 65-67.

UB JPRS/NY-L-448

70 [illegible] 6

USSR
Sci - Med
Dec 58

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

Application of Atomic Engines in Aviation, by G. Nesterenko, A. Sobolev, Yu. Sushkov, 168 pp. (AF 1149769).

RUSSIAN, bk, Primeniye Atomnykh Dvigateley V Aviatsiy, 1957, pp 1-166.

ATIC-F-TS-9383/V

Sci - Aeronautics

Apr 58

61,702

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

Auxiliary Method of Examination of Larynx in Cattle, by A. Sobolev.

RUSSIAN, per, Veterinariya, Vol XXVI, No 8, 1949, pp 39-40.

USDA

Scientific - Medicine Apr 55 CTS

22,769

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

Cold Resistance of Germinating Seeds and Soil Pathogenicity, by L. A. Nezgovorov and A. K. Sobolev, 11 pp.

RUSSIAN, per, Fiziol Rast, Vol. IV, No 6, 1957, pp 489-501.

Amer Inst of Biol Sci

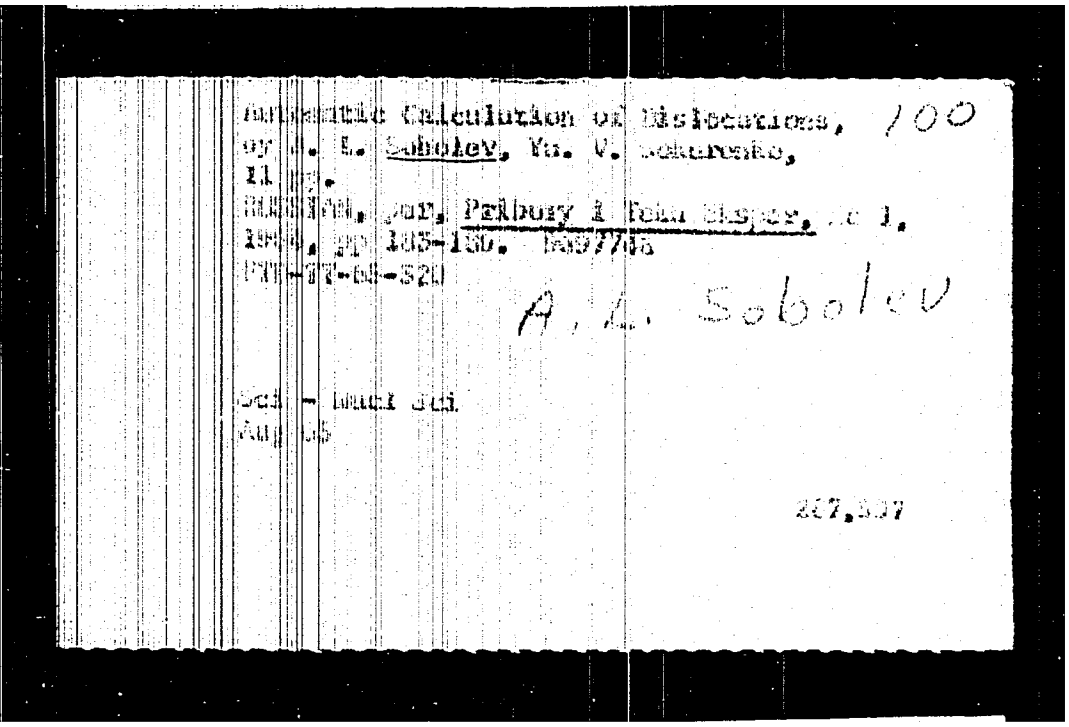
Sci - Biol

Sep 58

71,890

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0



Automatic Calculation of Dislocations, 100
by A. A. Sobolev, Yu. V. [illegible],
11 pp.
[illegible], Zur. Prikl. i Tekh. Fiziki, v. 1,
1960, pp 105-130. [illegible]
PTF-77-60-320

A. A. Sobolev

Decl - Unclassified
Aug 65

267,537

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

Enzymatic Hydrolysis of Phytin in Vitro and in Germinating Seeds

By A.M. Sobolev, pp 7

RUSSIAN, Per. Fiziol Rastoniy, Vol IX, No 3, 1962, pp 334-341

CB

Sci

Oct 63

241-005

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

Certain Regularities in the Flow of Substances From Leaves Into Reproductive Organs, by A. A. Prokofyev, L. P. Zhdanova, A. M. Sobolev, 7 pp.

RUSSIAN, per, Fiz Rasteny, Vol IV, No 5, 1957, pp 425-431.

Amer Inst of Biol Sci

Sci - Biol

Jul 58

67,006

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

Concerning Photosynthesis Transport From the Leaves to Seeds, by A. A. Prokofyev, A. M. Scholev, M 9 pp.

RUSSIAN, biul gen, Fiz Rastenii, Vol IV, No 1, Jan/Feb 1957, pp 21-23.

Amer Dept of Biol Sci

Sci - Biology
Nov 57

55,171

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0

R-900 (DC-2700/1).

Forage-Processing Machines, by V. V. Belozor, E. M. Sosunov, A. P. Sobolev, 13 pp.

RUSSIAN, per, Traktory i Sel'khozmashiny, No 9, Sep 1958, pp 24-28.

JPRS-849-D

USSR
Econ
Aug 59

94,270

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240036-0